Bose Work

SNMP Guide

Version 1.1

Table of Contents

Introduction

The Bose Videobar VB1 supports the Simple Network Management Protocol (SNMP) over IP networks. VB1 is compatible with SNMP version 3.

This document provides instruction for enabling and configuring SNMP on VB1 devices, and it provides a detailed description of the supported variables and operations.

The VB1 SNMP MIB is included as Appendix A.

Note: The **`context`** parameter is not a configurable setting. In your SNMP messages it should be set to "**`my-context`**"

All values are specified as strings.

Configuration items and operations are grouped in these categories:

audio
audioframing
beam
behavior
Bluetooth
camera
network
system
usb
visual
wifi

The API Reference section provides the following information for each object:

Description	A description of the object and its use.
API Version	VB1 API version that supports the object.
Actions	Actions that can be performed on the object. The action can be one or more of the following: *retrieve* Supports GET *update* Supports SET *delete* Supports SET with empty string *perform* Initiates an action. Use SET with empty string. *subscribe* Supports TRAP
Regex for Values	Regular expression defining the acceptable values for the object.
Default Value	Default value of the object. This is the value that is used if you revert the device to factory defaults.

Example Value	An example value for the object.
SNMP OID	SNMP Object Identifier. For example: 1.3.6.1.4.1.6036.727.75
Provision	Has the value “yes” or “no”. Indicates if it is a persistent variable which can be used when provisioning the device. A provisioned variable is an element of a VB1 profile.
Reboot on Update	Has the value “yes” or “no”. If “yes” the system must be rebooted for a change to take effect.

All values are specified as strings.

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Enabling and Configuring SNMP

To enable and configure SNMP on VB1, use the Bose Work Configuration application or the Bose Work Management application. Reference the corresponding user guides for instructions.

The following SNMP configuration settings can be managed from the Configuration and Management apps:

Authentication Protocol	VB1 supports SNMP v3. Select an optional authentication protocol to ensure the identity of users.
Username	Enter the username of the user who can access SNMP v3 information (maximum of 32 characters).
Password	Enter the password for the user who can access SNMP v3 information (maximum of 32 characters). This password is sometimes referred to as the authentication passphrase.
Encryption Protocol	VB1 supports SNMP v3. Select an optional privacy protocol to ensure the confidentiality of data.
Privacy Passphrase	Enter the privacy passphrase for the user who can access SNMP v3 information. You cannot enable privacy without enabling authentication.
Trap Server	Enter the IP address of the SNMP server. The VB1 will send traps and event notifications to this address per the MIB.
*Context	Context is not a configurable setting. In your SNMP messages it should be set to “my-context”.

API Reference

Group audio

audio.auxiliaryInputLevel

Description

Auxiliary input metering level

API Version

1

Actions

retrieve update delete

Regex for Values

-?([0-9]|1[0-2])

Default Value

0

Example Value

-4

SNMP OID

1.3.6.1.4.1.6036.727.75

Provision

yes

Reboot on Update

no

audio.bluetoothInputLevel

Description

Bluetooth input metering level

API Version

1

Actions

retrieve

Regex for Values

[1-9][0-9]?|100|0

Default Value

Example Value

55

SNMP OID

1.3.6.1.4.1.6036.727.76

Provision

no

Reboot on Update

no

audio.bluetoothOutputLevel

Description

Bluetooth output metering level

API Version

1

Actions

retrieve

Regex for Values

[1-9][0-9]?|100|0

Default Value

Example Value

65

SNMP OID

1.3.6.1.4.1.6036.727.77

Provision

no

Reboot on Update

no

audio.enableBridgeMode

Description

Sets the audio bridging between Bluetooth and USB

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

1

Example Value

0

SNMP OID

1.3.6.1.4.1.6036.727.206

Provision

yes

Reboot on Update

no

audio.inputSource

Description

Selects the source of audio to be mixed with system microphone.

API Version

1

Actions

retrieve update delete

Regex for Values

all|usb|bt|aux

Default Value

all

Example Value

usb

SNMP OID

1.3.6.1.4.1.6036.727.80

Provision

yes

Reboot on Update

no

audio.inputSourceToggle

Description

Toggles between the sources of audio to be mixed with system microphone.

API Version

1

Actions

perform

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.81

Provision

no

Reboot on Update

no

audio.loudspeakerLevel

Description

Loudspeaker metering level

API Version

1

Actions

retrieve

Regex for Values

[1-9][0-9]?|100|0

Default Value

Example Value

35

SNMP OID

1.3.6.1.4.1.6036.727.72

Provision

no

Reboot on Update

no

audio.loudspeakerMute

Description

Mutes/unmutes the system loudspeaker.

API Version

1

Actions

retrieve update subscribe

Regex for Values

1|0

Default Value

0

Example Value

0

SNMP OID

1.3.6.1.4.1.6036.727.51

Provision

no

Reboot on Update

no

audio.loudspeakerMuteToggle

Description

Changes the mute state of the system loudspeaker.

API Version

1

Actions

perform

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.52

Provision

no

Reboot on Update

no

audio.loudspeakerVolume

Description

Sets the system loudspeaker volume.

API Version

1

Actions

retrieve update delete

Regex for Values

[1-9][0-9]?|100|0

Default Value

50

Example Value

25

SNMP OID

1.3.6.1.4.1.6036.727.3

Provision

yes

Reboot on Update

no

audio.loudspeakerVolumeDown

Description

Decreases the system loudspeaker volume by one step.

API Version

1

Actions

perform

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.5

Provision

no

Reboot on Update

no

audio.loudspeakerVolumeUp

Description

Increases the system loudspeaker volume by one step.

API Version

1

Actions

perform

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.4

Provision

no

Reboot on Update

no

audio.micLevel

Description

Microphone metering level

API Version

1

Actions

retrieve

Regex for Values

[1-9][0-9]?|100|0

Default Value

Example Value

15

SNMP OID

1.3.6.1.4.1.6036.727.71

Provision

no

Reboot on Update

no

audio.micMute

Description

Mutes/unmutes the system microphone.

API Version

1

Actions

retrieve update subscribe

Regex for Values

1|0

Default Value

0

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.2

Provision

no

Reboot on Update

no

audio.micMuteToggle

Description

Changes the mute state of the system microphone.

API Version

1

Actions

perform

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.21

Provision

no

Reboot on Update

no

audio.sendUltrasound

Description

Generate ultrasound signal with given characters

API Version

1

Actions

retrieve perform

Regex for Values

.*

Default Value

Example Value

1234

SNMP OID

1.3.6.1.4.1.6036.727.193

Provision

no

Reboot on Update

no

audio.ultrasoundPairingGain

Description

Sets the ultrasound pairing gain for pairing devices using ultrasound loudspeaker signal.

API Version

1

Actions

retrieve update delete

Regex for Values

0|3|6|-3|-6

Default Value

0

Example Value

3

SNMP OID

1.3.6.1.4.1.6036.727.82

Provision

yes

Reboot on Update

no

audio.ultrasoundRetries

Description

Sets the ultrasound pairing retries during the ultrasound on state. After number of retries specified here, the ultrasound state will change back to off.

API Version

1

Actions

retrieve update delete

Regex for Values

1|3

Default Value

1

Example Value

3

SNMP OID

1.3.6.1.4.1.6036.727.84

Provision

yes

Reboot on Update

no

audio.ultrasoundState

Description

Sets the ultrasound pairing state. The on state will emit pairing signal a specified number of times, then go back to off state.

API Version

1

Actions

retrieve update

Regex for Values

1|0

Default Value

0

Example Value

0

SNMP OID

1.3.6.1.4.1.6036.727.83

Provision

no

Reboot on Update

no

audio.usbInputLevel

Description

USB input metering level

API Version

1

Actions

retrieve

Regex for Values

[1-9][0-9]?|100|0

Default Value

Example Value

75

SNMP OID

1.3.6.1.4.1.6036.727.78

Provision

no

Reboot on Update

no

audio.usbOutputLevel

Description

USB output metering level

API Version

1

Actions

retrieve

Regex for Values

[1-9][0-9]?|100|0

Default Value

Example Value

85

SNMP OID

1.3.6.1.4.1.6036.727.79

Provision

no

Reboot on Update

no

Group autoframing

autoframing.border

Description

Describes how agressive the algorithm is in framing content

API Version

1

Actions

retrieve update delete

Regex for Values

small|normal|large

Default Value

normal

Example Value

normal

SNMP OID

1.3.6.1.4.1.6036.727.132

Provision

yes

Reboot on Update

no

autoframing.headroom

Description

Headroom adjustment for participants when autoframing

API Version

1

Actions

retrieve update delete

Regex for Values

sitting|standing

Default Value

sitting

Example Value

sitting

SNMP OID

1.3.6.1.4.1.6036.727.133

Provision

yes

Reboot on Update

no

autoframing.panTiltSpeed

Description

Pan and tilt speed for autoframing

API Version

1

Actions

retrieve update delete

Regex for Values

slow|normal|fast

Default Value

normal

Example Value

slow

SNMP OID

1.3.6.1.4.1.6036.727.130

Provision

yes

Reboot on Update

no

autoframing.state

Description

Turn on/off the camera autoframing feature

API Version

1

Actions

retrieve update delete subscribe

Regex for Values

1|0

Default Value

0

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.25

Provision

yes

Reboot on Update

no

autoframing.stateToggle

Description

Toggle autoframing state on/off

API Version

1

Actions

perform

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.129

Provision

no

Reboot on Update

no

autoframing.zoomSpeed

Description

Zoom for autoframing

API Version

1

Actions

retrieve update delete

Regex for Values

slow|normal|fast

Default Value

normal

Example Value

normal

SNMP OID

1.3.6.1.4.1.6036.727.131

Provision

yes

Reboot on Update

no

Group beam

beam.ammState

Description

Shows which beam has been designated as the 'open mic'

API Version

1

Actions

retrieve

Regex for Values

((0|1|-1) (0|1|-1) (0|1|-1) (0|1|-1) (0|1|-1))

Default Value

0 0 0 0 0

Example Value

1 0 1 -1 0

SNMP OID

1.3.6.1.4.1.6036.727.143

Provision

no

Reboot on Update

no

beam.cameraHeight

Description

Camera height above ground in the room in which the device is installed

API Version

1

Actions

retrieve update delete

Regex for Values

[1-9][0-9]?

Default Value

3

Example Value

5

SNMP OID

1.3.6.1.4.1.6036.727.160

Provision

yes

Reboot on Update

no

beam.dynamicAngles

Description

When the beam type is dynamic, this has dynamic beam angles

API Version

1

Actions

retrieve

Regex for Values

(-?([0-9]|[1-8][0-9]|90|na)) (-?([0-9]|[1-8][0-9]|90|na)) (-?([0-9]|[1-8][0-9]|90|na)) (-?([0-9]|[1-8][0-9]|90|na)) (-?([0-9]|[1-8][0-9]|90|na))

Default Value

0 0 0 0 0

Example Value

-75 -50 na 50 45

SNMP OID

1.3.6.1.4.1.6036.727.144

Provision

no

Reboot on Update

no

beam.exclusionZoneOneMaximumAngle

Description

Maximum angle for exclusion zone one

API Version

1

Actions

retrieve update delete

Regex for Values

(-?([0-9]|[1-8][0-9]))

Default Value

-89

Example Value

-60

SNMP OID

1.3.6.1.4.1.6036.727.146

Provision

yes

Reboot on Update

no

beam.exclusionZoneOneMinimumAngle

Description

Minimum angle for exclusion zone one

API Version

1

Actions

retrieve update delete

Regex for Values

(-?([0-9]|[1-8][0-9]|90))

Default Value

-90

Example Value

-49

SNMP OID

1.3.6.1.4.1.6036.727.145

Provision

yes

Reboot on Update

no

beam.exclusionZoneThree

Description

Exclusion zone 3 (50 to 90 degrees)

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

0

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.142

Provision

yes

Reboot on Update

no

beam.exclusionZoneThreeMaximumAngle

Description

Maximum angle for exclusion zone three

API Version

1

Actions

retrieve update delete

Regex for Values

(-?([0-9]|[1-8][0-9]|90|180))

Default Value

180

Example Value

-60

SNMP OID

1.3.6.1.4.1.6036.727.150

Provision

yes

Reboot on Update

no

beam.exclusionZoneThreeMinimumAngle

Description

Minimum angle for exclusion zone three

API Version

1

Actions

retrieve update delete

Regex for Values

(-?([0-9]|[1-8][0-9]|90|180))

Default Value

180

Example Value

-49

SNMP OID

1.3.6.1.4.1.6036.727.149

Provision

yes

Reboot on Update

no

beam.exclusionZoneTwoMaximumAngle

Description

Maximum angle for exclusion zone two

API Version

1

Actions

retrieve update delete

Regex for Values

(-?([0-9]|[1-8][0-9]|90))

Default Value

90

Example Value

-60

SNMP OID

1.3.6.1.4.1.6036.727.148

Provision

yes

Reboot on Update

no

beam.exclusionZoneTwoMinimumAngle

Description

Minimum angle for exclusion zone two

API Version

1

Actions

retrieve update delete

Regex for Values

(-?([0-9]|[1-8][0-9]))

Default Value

89

Example Value

-49

SNMP OID

1.3.6.1.4.1.6036.727.147

Provision

yes

Reboot on Update

no

beam.roomHeight

Description

Height of the room in which the device is installed

API Version

1

Actions

retrieve update delete

Regex for Values

[1-9][0-9]?

Default Value

10

Example Value

10

SNMP OID

1.3.6.1.4.1.6036.727.153

Provision

yes

Reboot on Update

no

beam.roomLength

Description

Length of the room in which the device is installed

API Version

1

Actions

retrieve update delete

Regex for Values

2[1-9]|3[0-5]

Default Value

28

Example Value

20

SNMP OID

1.3.6.1.4.1.6036.727.152

Provision

yes

Reboot on Update

no

beam.roomWidth

Description

Width of the room in which the device is installed

API Version

1

Actions

retrieve update delete

Regex for Values

[5-9]|1[0-9]

Default Value

12

Example Value

10

SNMP OID

1.3.6.1.4.1.6036.727.151

Provision

yes

Reboot on Update

no

beam.staticFourAngle

Description

When beam type is static, this specifies static beam four angle

API Version

1

Actions

retrieve update delete

Regex for Values

(-?([0-9]|[1-8][0-9]|90))|disabled

Default Value

40

Example Value

50

SNMP OID

1.3.6.1.4.1.6036.727.141

Provision

yes

Reboot on Update

no

beam.staticOneAngle

Description

When the beam type is static, this specifies the static beam one angle

API Version

1

Actions

retrieve update delete

Regex for Values

(-?([0-9]|[1-8][0-9]|90))|disabled

Default Value

-40

Example Value

50

SNMP OID

1.3.6.1.4.1.6036.727.138

Provision

yes

Reboot on Update

no

beam.staticThreeAngle

Description

When the beam type is static, this specifies the static beam three angle

API Version

1

Actions

retrieve update delete

Regex for Values

(-?([0-9]|[1-8][0-9]|90))|disabled

Default Value

15

Example Value

50

SNMP OID

1.3.6.1.4.1.6036.727.140

Provision

yes

Reboot on Update

no

beam.staticTwoAngle

Description

When the beam type is static, this specifies the static beam two angle

API Version

1

Actions

retrieve update delete

Regex for Values

(-?([0-9]|[1-8][0-9]|90))|disabled

Default Value

-15

Example Value

50

SNMP OID

1.3.6.1.4.1.6036.727.139

Provision

yes

Reboot on Update

no

beam.type

Description

Beam type. Beams can be fixed or dynamically allocated.

API Version

1

Actions

retrieve update delete

Regex for Values

fixed|dynamic

Default Value

dynamic

Example Value

fixed

SNMP OID

1.3.6.1.4.1.6036.727.137

Provision

yes

Reboot on Update

no

Group behavior

behavior.aecEnabled

Description

Turns on/off the acoustic echo canceller

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

1

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.61

Provision

yes

Reboot on Update

no

behavior.autoframingEnabled

Description

Turns on/off autoframing

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

1

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.26

Provision

yes

Reboot on Update

no

behavior.auxiliaryInputEnabled

Description

Turns on/off the auxiliary input

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

1

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.66

Provision

yes

Reboot on Update

no

behavior.bluetoothButtonEnabled

Description

Enables or disables the Bluetooth button

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

1

Example Value

0

SNMP OID

1.3.6.1.4.1.6036.727.60

Provision

yes

Reboot on Update

no

behavior.bluetoothEnabled

Description

Turns on/off the system Bluetooth

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

1

Example Value

0

SNMP OID

1.3.6.1.4.1.6036.727.58

Provision

yes

Reboot on Update

no

behavior.cameraEnabled

Description

Turns on/off the system camera. The camera will not enumerate when disabled.

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

1

Example Value

0

SNMP OID

1.3.6.1.4.1.6036.727.62

Provision

yes

Reboot on Update

no

behavior.discoveryEnabled

Description

Turns on/off the discovery of the device on IP network

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

1

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.64

Provision

yes

Reboot on Update

no

behavior.enableBeamEvents

Description

This enables sending of dynamic beam events periodically

API Version

1

Actions

perform retrieve

Regex for Values

1|0

Default Value

0

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.68

Provision

no

Reboot on Update

no

behavior.enableMeteringEvents

Description

This enables sending of audio metering events periodically

API Version

1

Actions

perform retrieve

Regex for Values

1|0

Default Value

0

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.69

Provision

no

Reboot on Update

no

behavior.ethernetEnabled

Description

Turns on/off the system Ethernet interface

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

1

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.56

Provision

yes

Reboot on Update

no

behavior.gpioActiveHigh

Description

Sets GPIO pin for external interface active high or active low

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

0

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.67

Provision

yes

Reboot on Update

no

behavior.gpioEnabled

Description

Turns on/off the GPIO control

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

1

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.200

Provision

yes

Reboot on Update

no

behavior.hdmiEnabled

Description

Turns on/off the HDMI

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

0

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.201

Provision

yes

Reboot on Update

no

behavior.identifyEnabled

Description

Turns on/off the system identification wink (LEDs)

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

0

Example Value

0

SNMP OID

1.3.6.1.4.1.6036.727.1

Provision

no

Reboot on Update

no

behavior.lpmEnabled

Description

Enable / disable low power mode

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

1

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.70

Provision

yes

Reboot on Update

no

behavior.mtrOn

Description

This enables MTR mode on the device for meeting room configuration

API Version

1

Actions

perform

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.197

Provision

no

Reboot on Update

no

behavior.muteButtonEnabled

Description

Enables or disables the mute button

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

1

Example Value

0

SNMP OID

1.3.6.1.4.1.6036.727.27

Provision

yes

Reboot on Update

no

behavior.presetsEnabled

Description

Turns on/off the ability to set camera presets by user

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

1

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.57

Provision

yes

Reboot on Update

no

behavior.ultrasoundPairingEnabled

Description

Turns on/off the ability to pair using ultrasound

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

1

Example Value

0

SNMP OID

1.3.6.1.4.1.6036.727.63

Provision

yes

Reboot on Update

no

behavior.wifiEnabled

Description

Turns on/off the system WiFi

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

1

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.59

Provision

yes

Reboot on Update

no

Group bluetooth

bluetooth.callAnswer

Description

Answer incoming call on connected device

API Version

1

Actions

perform

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.207

Provision

no

Reboot on Update

no

bluetooth.callState

Description

Call status of Bluetooth call

API Version

1

Actions

retrieve subscribe

Regex for Values

1|0

Default Value

0

Example Value

0

SNMP OID

1.3.6.1.4.1.6036.727.108

Provision

no

Reboot on Update

no

bluetooth.callTerminateReject

Description

Terminate active call, or reject incoming call on connected device

API Version

1

Actions

perform

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.208

Provision

no

Reboot on Update

no

bluetooth.clearPairingList

Description

Clears the pairing list of devices

API Version

1

Actions

perform

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.109

Provision

no

Reboot on Update

no

bluetooth.connect

Description

Connect to previously paired device. For BT Sig compliance test cases only.

API Version

1

Actions

perform

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.212

Provision

no

Reboot on Update

no

bluetooth.connected

Description

Shows if connected to the paired device or not

API Version

1

Actions

retrieve subscribe

Regex for Values

1|0

Default Value

0

Example Value

0

SNMP OID

1.3.6.1.4.1.6036.727.107

Provision

no

Reboot on Update

no

bluetooth.mac

Description

Bluetooth MAC address

API Version

1

Actions

retrieve

Regex for Values

([0-9a-fA-F]{2}:){5}([0-9a-fA-F]{2})

Default Value

00:00:00:00:00:00

Example Value

00:34:55:65:66:77

SNMP OID

1.3.6.1.4.1.6036.727.105

Provision

no

Reboot on Update

no

bluetooth.paired

Description

Paired device name

API Version

1

Actions

retrieve

Regex for Values

.*

Default Value

Example Value

Samsung Galaxy 1

SNMP OID

1.3.6.1.4.1.6036.727.106

Provision

no

Reboot on Update

no

bluetooth.pairingState

Description

Bluetooth pairing state. The on state will allow pairing with the device for a fixed interval. Once the pairing interval is over, the state will change to off

API Version

1

Actions

retrieve update

Regex for Values

1|0

Default Value

0

Example Value

0

SNMP OID

1.3.6.1.4.1.6036.727.20

Provision

no

Reboot on Update

no

bluetooth.pairingStateToggle

Description

This will toggle the pairing state from on/off to off/on

API Version

1

Actions

perform

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.198

Provision

no

Reboot on Update

no

bluetooth.pairingTimeout

Description

Bluetooth pairing timeout in seconds. A value of 0 means pairing will be on indefinitely

API Version

1

Actions

retrieve update delete

Regex for Values

([0-9]|[1-8][0-9]|9[0-9]|1[0-7][0-9]|180)

Default Value

180

Example Value

0

SNMP OID

1.3.6.1.4.1.6036.727.104

Provision

yes

Reboot on Update

no

bluetooth.state

Description

Bluetooth and BLE state. The on state will indicate that Bluetooth and BLE are on, the off state will indicate that the Bluetooth and BLE are off

API Version

1

Actions

retrieve subscribe

Regex for Values

1|0

Default Value

0

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.103

Provision

no

Reboot on Update

no

bluetooth.streamState

Description

Stream status of Bluetooth

API Version

1

Actions

retrieve subscribe

Regex for Values

1|0

Default Value

0

Example Value

0

SNMP OID

1.3.6.1.4.1.6036.727.194

Provision

no

Reboot on Update

no

Group camera

camera.activePreset

Description

This is the active preset. Note, at camera start or restart the active preset is set to Home.

API Version

1

Actions

retrieve update delete

Regex for Values

1|2|3

Default Value

1

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.19

Provision

no

Reboot on Update

no

camera.antiflicker

Description

Sets power line frequency value to reduce anti flicker

API Version

1

Actions

retrieve update delete

Regex for Values

off|50|60

Default Value

60

Example Value

50

SNMP OID

1.3.6.1.4.1.6036.727.90

Provision

yes

Reboot on Update

no

camera.applyActivePreset

Description

This applies the active preset to the PTZ settings

API Version

1

Actions

perform

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.15

Provision

no

Reboot on Update

no

camera.awb

Description

Sets image AWB

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

1

Example Value

0

SNMP OID

1.3.6.1.4.1.6036.727.98

Provision

yes

Reboot on Update

no

camera.backlightCompensation

Description

Sets compensation for bright backgrounds

API Version

1

Actions

retrieve update delete

Regex for Values

off|low|medium|high

Default Value

off

Example Value

medium

SNMP OID

1.3.6.1.4.1.6036.727.196

Provision

yes

Reboot on Update

no

camera.brightness

Description

Sets image brightness

API Version

1

Actions

retrieve update delete

Regex for Values

[1-9][0-9]?|0|100

Default Value

61

Example Value

55

SNMP OID

1.3.6.1.4.1.6036.727.92

Provision

yes

Reboot on Update

no

camera.contrast

Description

Sets image contrast

API Version

1

Actions

retrieve update delete

Regex for Values

[1-9][0-9]?|0|100

Default Value

30

Example Value

78

SNMP OID

1.3.6.1.4.1.6036.727.93

Provision

yes

Reboot on Update

no

camera.firmwareVersion

Description

Firmware version of the camera firmware running on the device. This is set automatically on system firmware upgrade.

API Version

1

Actions

retrieve

Regex for Values

.*

Default Value

0.0.0

Example Value

1.1.3.24

SNMP OID

1.3.6.1.4.1.6036.727.99

Provision

no

Reboot on Update

no

camera.firstPreset

Description

Camera first preset in pan tilt zoom order

API Version

1

Actions

retrieve update delete

Regex for Values

(0|-10|10|-?[1-9]) (0|-10|10|-?[1-9]) ([1-9]|10)

Default Value

0 0 1

Example Value

4 1 2

SNMP OID

1.3.6.1.4.1.6036.727.87

Provision

no

Reboot on Update

no

camera.hardwareVersion

Description

Hardware version of the camera

API Version

1

Actions

retrieve

Regex for Values

.*

Default Value

0

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.102

Provision

no

Reboot on Update

no

camera.homePreset

Description

Camera home preset in pan tilt zoom order.

API Version

1

Actions

retrieve update delete

Regex for Values

(0|-10|10|-?[1-9]) (0|-10|10|-?[1-9]) ([1-9]|10)

Default Value

0 0 1

Example Value

4 1 2

SNMP OID

1.3.6.1.4.1.6036.727.86

Provision

no

Reboot on Update

no

camera.lowLightCompensationState

Description

Tunrs on/off camera low light compensation

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

0

Example Value

0

SNMP OID

1.3.6.1.4.1.6036.727.89

Provision

yes

Reboot on Update

no

camera.osdBbox

Description

OSD bounding box enable / disable

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

0

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.205

Provision

no

Reboot on Update

no

camera.osdRes

Description

OSD resolution enable / disable

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

0

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.202

Provision

no

Reboot on Update

no

camera.pan

Description

Contains the current camera pan value

API Version

1

Actions

retrieve update delete

Regex for Values

0|-10|10|-?[1-9]

Default Value

0

Example Value

-10

SNMP OID

1.3.6.1.4.1.6036.727.7

Provision

no

Reboot on Update

no

camera.panLeft

Description

Pans camera left by one step

API Version

1

Actions

perform

Regex for Values

.*

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.11

Provision

no

Reboot on Update

no

camera.panRight

Description

Pans camera right by one step

API Version

1

Actions

perform

Regex for Values

.*

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.12

Provision

no

Reboot on Update

no

camera.saturation

Description

Sets image saturation

API Version

1

Actions

retrieve update delete

Regex for Values

[1-9][0-9]?|0|100

Default Value

35

Example Value

78

SNMP OID

1.3.6.1.4.1.6036.727.94

Provision

yes

Reboot on Update

no

camera.savePresetFirst

Description

This takes the cuirrent PTZ values and saves them to the first preset

API Version

1

Actions

perform

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.23

Provision

no

Reboot on Update

no

camera.savePresetHome

Description

This takes the cuirrent PTZ values and saves them to the home preset

API Version

1

Actions

perform

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.18

Provision

no

Reboot on Update

no

camera.savePresetSecond

Description

This takes the cuirrent PTZ values and saves them to the second preset

API Version

1

Actions

perform

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.24

Provision

no

Reboot on Update

no

camera.secondPreset

Description

Camera second preset in pan tilt zoom order

API Version

1

Actions

retrieve update delete

Regex for Values

(0|-10|10|-?[1-9]) (0|-10|10|-?[1-9]) ([1-9]|10)

Default Value

0 0 1

Example Value

4 1 2

SNMP OID

1.3.6.1.4.1.6036.727.88

Provision

no

Reboot on Update

no

camera.sharpness

Description

Sets image sharpness

API Version

1

Actions

retrieve update delete

Regex for Values

[1-9][0-9]?|0|100

Default Value

27

Example Value

65

SNMP OID

1.3.6.1.4.1.6036.727.95

Provision

yes

Reboot on Update

no

camera.state

Description

Camera state. When active camera is streaming video, when inactive camera is not streaming, when upgrading camera is upgrading firmware

API Version

1

Actions

retrieve subscribe

Regex for Values

active|inactive|upgrading

Default Value

inactive

Example Value

inactive

SNMP OID

1.3.6.1.4.1.6036.727.96

Provision

no

Reboot on Update

no

camera.streamActivity

Description

camera stream activity status on BWC

API Version

1

Actions

retrieve update delete

Regex for Values

.*

Default Value

Example Value

some

SNMP OID

1.3.6.1.4.1.6036.727.211

Provision

no

Reboot on Update

no

camera.tilt

Description

Contains the current camera tilt value

API Version

1

Actions

retrieve update delete

Regex for Values

0|-10|10|-?[1-9]

Default Value

0

Example Value

10

SNMP OID

1.3.6.1.4.1.6036.727.8

Provision

no

Reboot on Update

no

camera.tiltDown

Description

Tilts camera down by one step

API Version

1

Actions

perform

Regex for Values

.*

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.14

Provision

no

Reboot on Update

no

camera.tiltUp

Description

Tilts camera up by one step

API Version

1

Actions

perform

Regex for Values

.*

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.13

Provision

no

Reboot on Update

no

camera.videoMode

Description

Sets video settings accroding to the mode

API Version

1

Actions

retrieve update delete

Regex for Values

custom|default|teams

Default Value

default

Example Value

teams

SNMP OID

1.3.6.1.4.1.6036.727.203

Provision

yes

Reboot on Update

no

camera.wdr

Description

Wdr strength

API Version

1

Actions

retrieve update delete

Regex for Values

[1-9][0-9]?|0|100

Default Value

50

Example Value

50

SNMP OID

1.3.6.1.4.1.6036.727.215

Provision

yes

Reboot on Update

no

camera.whiteBalance

Description

Sets image white balance

API Version

1

Actions

retrieve update delete

Regex for Values

(2[5-9]|[3-9][0-9]|1[01][0-9]|12[0-5])00

Default Value

4500

Example Value

4300

SNMP OID

1.3.6.1.4.1.6036.727.97

Provision

yes

Reboot on Update

no

camera.zoom

Description

Contains the current camera zoom value

API Version

1

Actions

retrieve update delete

Regex for Values

[1-9]|10

Default Value

1

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.6

Provision

no

Reboot on Update

no

camera.zoomIn

Description

Zooms camera in by one step

API Version

1

Actions

perform

Regex for Values

.*

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.9

Provision

no

Reboot on Update

no

camera.zoomOut

Description

Zooms camera out by one step

API Version

1

Actions

perform

Regex for Values

.*

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.10

Provision

no

Reboot on Update

no

Group network

network.dhcpState

Description

DHCP state. When DHCP state is on, network will be configured through DHCP. When DHCP state is off, static values are used

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

1

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.116

Provision

yes

Reboot on Update

no

network.dns

Description

Static DNS address when DHCP state is off

API Version

1

Actions

retrieve update delete

Regex for Values

((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)

Default Value

0.0.0.0

Example Value

8.8.8.8

SNMP OID

1.3.6.1.4.1.6036.727.120

Provision

yes

Reboot on Update

no

network.dnsDhcp

Description

DHCP DNS address when DHCP state is on and DHCP is successful

API Version

1

Actions

retrieve

Regex for Values

((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)

Default Value

0.0.0.0

Example Value

8.8.8.8

SNMP OID

1.3.6.1.4.1.6036.727.125

Provision

no

Reboot on Update

no

network.gateway

Description

Static gateway address when DHCP state is off

API Version

1

Actions

retrieve update delete

Regex for Values

((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)

Default Value

0.0.0.0

Example Value

10.1.3.1

SNMP OID

1.3.6.1.4.1.6036.727.119

Provision

yes

Reboot on Update

no

network.gatewayDhcp

Description

DHCP gateway address when DHCP state is on and DHCP is successful

API Version

1

Actions

retrieve

Regex for Values

((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)

Default Value

0.0.0.0

Example Value

10.1.3.1

SNMP OID

1.3.6.1.4.1.6036.727.124

Provision

no

Reboot on Update

no

network.ip

Description

Static IP address when DHCP state is off

API Version

1

Actions

retrieve update delete

Regex for Values

((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)

Default Value

0.0.0.0

Example Value

10.1.3.4

SNMP OID

1.3.6.1.4.1.6036.727.117

Provision

yes

Reboot on Update

no

network.ipDhcp

Description

DHCP IP address when DHCP state is on and DHCP is successful

API Version

1

Actions

retrieve

Regex for Values

((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)

Default Value

0.0.0.0

Example Value

10.1.3.4

SNMP OID

1.3.6.1.4.1.6036.727.122

Provision

no

Reboot on Update

no

network.mac

Description

MAC address of the LAN interface

API Version

1

Actions

retrieve

Regex for Values

([0-9a-fA-F]{2}:){5}([0-9a-fA-F]{2})

Default Value

00:00:00:00:00:00

Example Value

00:34:55:65:66:77

SNMP OID

1.3.6.1.4.1.6036.727.128

Provision

no

Reboot on Update

no

network.netmask

Description

Static subnet mask address when DHCP state is off

API Version

1

Actions

retrieve update delete

Regex for Values

((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)

Default Value

0.0.0.0

Example Value

255.255.255.0

SNMP OID

1.3.6.1.4.1.6036.727.118

Provision

yes

Reboot on Update

no

network.netmaskDhcp

Description

DHCP subnet mask when DHCP state is on and DHCP is successful

API Version

1

Actions

retrieve

Regex for Values

((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)

Default Value

0.0.0.0

Example Value

255.255.255.0

SNMP OID

1.3.6.1.4.1.6036.727.123

Provision

no

Reboot on Update

no

network.secondaryDns

Description

Static secondary DNS address when DHCP state is off

API Version

1

Actions

retrieve update delete

Regex for Values

((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)

Default Value

0.0.0.0

Example Value

8.8.8.8

SNMP OID

1.3.6.1.4.1.6036.727.121

Provision

yes

Reboot on Update

no

network.secondaryDnsDhcp

Description

DHCP secondary DNS address when DHCP state is on and DHCP is successful

API Version

1

Actions

retrieve

Regex for Values

((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)

Default Value

0.0.0.0

Example Value

8.8.8.8

SNMP OID

1.3.6.1.4.1.6036.727.126

Provision

no

Reboot on Update

no

network.state

Description

State of the Ethernet module

API Version

1

Actions

retrieve

Regex for Values

idle|failure|association|configuration|ready|disconnect|online

Default Value

ready

Example Value

idle

SNMP OID

1.3.6.1.4.1.6036.727.127

Provision

no

Reboot on Update

no

Group system

system.apiVersion

Description

API version of this API

API Version

1

Actions

retrieve

Regex for Values

.*

Default Value

56

Example Value

14

SNMP OID

1.3.6.1.4.1.6036.727.28

Provision

no

Reboot on Update

no

system.building

Description

Human readable building location of the device

API Version

1

Actions

retrieve update delete

Regex for Values

.{0,128}

Default Value

Not set

Example Value

Main

SNMP OID

1.3.6.1.4.1.6036.727.40

Provision

yes

Reboot on Update

no

system.downloadLogs

Description

Allows reading of logs on the device. Changing the value will initiate a download of logs

API Version

1

Actions

perform retrieve

Regex for Values

usb|ip

Default Value

Example Value

usb

SNMP OID

1.3.6.1.4.1.6036.727.34

Provision

no

Reboot on Update

no

system.downloadLogsStatus

Description

Notify to this parameter will notify with logs download status in percent (0 - 100).

API Version

1

Actions

retrieve delete

Regex for Values

failure|([1-9][0-9]?|100|0)

Default Value

0

Example Value

10

SNMP OID

1.3.6.1.4.1.6036.727.35

Provision

no

Reboot on Update

no

system.firmwareTimedVersion

Description

Firmware version of the firmware to be applied at a scheduled time

API Version

1

Actions

retrieve

Regex for Values

.*

Default Value

0.0.0

Example Value

1.1.3.24

SNMP OID

1.3.6.1.4.1.6036.727.29

Provision

no

Reboot on Update

no

system.firmwareUpdate

Description

Allows updating the firmware on the device. Changing the value will initiate a firmware update from the firmware image specified in the argument. Valid values include URLs and file names.

API Version

1

Actions

perform retrieve

Regex for Values

.*

Default Value

Example Value

http://www.bose.com/u/firmware.1.1.img

SNMP OID

1.3.6.1.4.1.6036.727.31

Provision

no

Reboot on Update

no

system.firmwareUpdateCode

Description

Firmware update warning/error code

API Version

1

Actions

retrieve update delete

Regex for Values

[0-9]{1,10}

Default Value

0

Example Value

1576182774

SNMP OID

1.3.6.1.4.1.6036.727.214

Provision

no

Reboot on Update

no

system.firmwareUpdateStatus

Description

Notify to this parameter will notify with firmware update status in percent (0 - 100).

API Version

1

Actions

retrieve delete

Regex for Values

failure|([1-9][0-9]?|100|0)

Default Value

0

Example Value

10

SNMP OID

1.3.6.1.4.1.6036.727.32

Provision

no

Reboot on Update

no

system.firmwareUpdateStatusSteps

Description

Indicates the upgrade status steps for various system components

API Version

1

Actions

retrieve delete

Regex for Values

none|upload|uboot|kernel|filesystem|dtb|camera|complete|reboot

Default Value

none

Example Value

complete

SNMP OID

1.3.6.1.4.1.6036.727.33

Provision

no

Reboot on Update

no

system.firmwareUpdateTime

Description

Time in seconds from epoch for scheduled firmware update

API Version

1

Actions

retrieve update delete

Regex for Values

[0-9]{1,10}

Default Value

0

Example Value

1576182774

SNMP OID

1.3.6.1.4.1.6036.727.30

Provision

no

Reboot on Update

no

system.firmwareUpdateUser

Description

Allows updating the firmware on the device. Changing the value will initiate a firmware update from USB.

API Version

1

Actions

perform retrieve

Regex for Values

usb

Default Value

Example Value

usb

SNMP OID

1.3.6.1.4.1.6036.727.195

Provision

no

Reboot on Update

no

system.firmwareVersion

Description

Firmware version of the firmware running on the device. This is set automatically on system firmware upgrade.

API Version

1

Actions

retrieve

Regex for Values

.*

Default Value

0.0.0

Example Value

1.1.3.24

SNMP OID

1.3.6.1.4.1.6036.727.22

Provision

no

Reboot on Update

no

system.floor

Description

Human readable floor location of the device

API Version

1

Actions

retrieve update delete

Regex for Values

.{0,128}

Default Value

Not set

Example Value

2

SNMP OID

1.3.6.1.4.1.6036.727.39

Provision

yes

Reboot on Update

no

system.gpiMuteStatus

Description

Shows GPI mute status on/off

API Version

1

Actions

retrieve subscribe

Regex for Values

1|0

Default Value

0

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.199

Provision

no

Reboot on Update

no

system.hardwareVersion

Description

Hardware version

API Version

1

Actions

retrieve

Regex for Values

.*

Default Value

0

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.17

Provision

no

Reboot on Update

no

system.lpmState

Description

Get/set low power state

API Version

1

Actions

retrieve update delete

Regex for Values

3|2|1|0

Default Value

0

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.192

Provision

no

Reboot on Update

no

system.name

Description

Human readable name of the device so it can be uniquely identified over external interfaces.

API Version

1

Actions

retrieve update delete

Regex for Values

.{1,22}

Default Value

Videobar1

Example Value

unit-1

SNMP OID

1.3.6.1.4.1.6036.727.37

Provision

no

Reboot on Update

no

system.ntpServer

Description

NTP server address. If set, system time will be obtained via network.

API Version

1

Actions

retrieve update delete

Regex for Values

.*

Default Value

Example Value

ntp.time.org

SNMP OID

1.3.6.1.4.1.6036.727.49

Provision

yes

Reboot on Update

no

system.password

Description

Password for logging into the system via any external interface. The password is stored as MD5 sum.

API Version

1

Actions

retrieve update delete

Regex for Values

[a-zA-Z0-9]{32}

Default Value

BC8B1628901369D49AA4CEF8E687AF58

Example Value

21232F297A57A5A743894A0E4A801FC3

SNMP OID

1.3.6.1.4.1.6036.727.36

Provision

no

Reboot on Update

no

system.profile

Description

Sets and gets the profile of the device in flat JSON format

API Version

1

Actions

retrieve update delete

Regex for Values

.*

Default Value

{}

Example Value

{"behavior.bluetoothEnabled", "0"}

SNMP OID

1.3.6.1.4.1.6036.727.44

Provision

no

Reboot on Update

no

system.profileDescription

Description

Description of the profile loaded to the system

API Version

1

Actions

retrieve update delete

Regex for Values

.{0,256}

Default Value

Factory Defaults

Example Value

This profile turns BT off

SNMP OID

1.3.6.1.4.1.6036.727.43

Provision

yes

Reboot on Update

no

system.profileDirtyState

Description

Indicates if the profile has changed since last profile update

API Version

1

Actions

retrieve

Regex for Values

1|0

Default Value

0

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.41

Provision

no

Reboot on Update

no

system.profileImportStatus

Description

Notify to this parameter will notify with import profile status in percent (0 - 100).

API Version

1

Actions

retrieve delete

Regex for Values

failure|([1-9][0-9]?|100|0)

Default Value

0

Example Value

10

SNMP OID

1.3.6.1.4.1.6036.727.45

Provision

no

Reboot on Update

no

system.profileName

Description

Profile name is set on provisioning of a new profile file

API Version

1

Actions

retrieve update delete

Regex for Values

.{1,48}

Default Value

Factory Defaults

Example Value

profile_btoff.json

SNMP OID

1.3.6.1.4.1.6036.727.42

Provision

yes

Reboot on Update

no

system.profileRestore

Description

Restores the current profile

API Version

1

Actions

perform

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.46

Provision

no

Reboot on Update

no

system.ready

Description

Shows if system is ready after start up

API Version

1

Actions

subscribe retrieve

Regex for Values

1|0

Default Value

0

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.191

Provision

no

Reboot on Update

no

system.reboot

Description

Reboots the system

API Version

1

Actions

perform

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.50

Provision

no

Reboot on Update

yes

system.room

Description

Human readable room location of the device

API Version

1

Actions

retrieve update delete

Regex for Values

.{0,128}

Default Value

Not set

Example Value

Conference Room 1138

SNMP OID

1.3.6.1.4.1.6036.727.38

Provision

no

Reboot on Update

no

system.serialNumber

Description

Serial number of the device.

API Version

1

Actions

retrieve

Regex for Values

.*

Default Value

000000X00000000XX

Example Value

0F95GF89432048DFA

SNMP OID

1.3.6.1.4.1.6036.727.16

Provision

no

Reboot on Update

no

system.time

Description

System time UTC, seconds from epoch

API Version

1

Actions

retrieve

Regex for Values

[0-9]{1,10}

Default Value

0

Example Value

1576182774

SNMP OID

1.3.6.1.4.1.6036.727.47

Provision

no

Reboot on Update

no

system.timezone

Description

System time zone

API Version

1

Actions

retrieve update delete

Regex for Values

.*

Default Value

America/New_York

Example Value

Africa/Casablanca

SNMP OID

1.3.6.1.4.1.6036.727.48

Provision

yes

Reboot on Update

no

Group usb

usb.callStatus

Description

Call status from the host connected to USB port of the system

API Version

1

Actions

retrieve subscribe

Regex for Values

1|0

Default Value

0

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.55

Provision

no

Reboot on Update

no

usb.connectionStatus

Description

USB cable connection status, 0 when disconnected

API Version

1

Actions

retrieve subscribe

Regex for Values

1|0

Default Value

0

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.54

Provision

no

Reboot on Update

no

usb.downstream

Description

Audio stream from host connected to the USB port to the system

API Version

1

Actions

retrieve subscribe

Regex for Values

1|0

Default Value

0

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.53

Provision

no

Reboot on Update

no

usb.upstream

Description

Audio stream from system to the host connected to the USB port

API Version

1

Actions

retrieve subscribe

Regex for Values

1|0

Default Value

0

Example Value

0

SNMP OID

1.3.6.1.4.1.6036.727.91

Provision

no

Reboot on Update

no

Group visual

Group wifi

wifi.anonymousIdentity

Description

Anonymous identity for EAP security

API Version

1

Actions

retrieve update delete

Regex for Values

.*

Default Value

Example Value

id1anon

SNMP OID

1.3.6.1.4.1.6036.727.183

Provision

yes

Reboot on Update

no

wifi.autoConnect

Description

When on, system will automatically connect to a configured WiFi network in range

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

1

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.174

Provision

yes

Reboot on Update

no

wifi.certificate

Description

Certificate for PEAP authentication. Property domain must be specified for system cerrtificate

API Version

1

Actions

retrieve update delete

Regex for Values

none|system

Default Value

none

Example Value

none

SNMP OID

1.3.6.1.4.1.6036.727.186

Provision

yes

Reboot on Update

no

wifi.dhcpState

Description

DHCP state. When DHCP state is on, WiFi will be configured through DHCP. When DHCP state is off, static values are used

API Version

1

Actions

retrieve update delete

Regex for Values

1|0

Default Value

1

Example Value

1

SNMP OID

1.3.6.1.4.1.6036.727.161

Provision

yes

Reboot on Update

no

wifi.dns

Description

Static DNS address when DHCP state is off

API Version

1

Actions

retrieve update delete

Regex for Values

((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)

Default Value

0.0.0.0

Example Value

8.8.8.8

SNMP OID

1.3.6.1.4.1.6036.727.165

Provision

yes

Reboot on Update

no

wifi.dnsDhcp

Description

DHCP DNS address when DHCP state is on and DHCP is successful

API Version

1

Actions

retrieve

Regex for Values

((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)

Default Value

0.0.0.0

Example Value

8.8.8.8

SNMP OID

1.3.6.1.4.1.6036.727.170

Provision

no

Reboot on Update

no

wifi.domain

Description

Domain for the PEAP authentication when CA certificate is used

API Version

1

Actions

retrieve update delete

Regex for Values

.*

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.187

Provision

yes

Reboot on Update

no

wifi.eapMethod

Description

EAP method for EAP security

API Version

1

Actions

retrieve update delete

Regex for Values

PEAP|TLS|TTLS

Default Value

PEAP

Example Value

TLS

SNMP OID

1.3.6.1.4.1.6036.727.184

Provision

yes

Reboot on Update

no

wifi.gateway

Description

Static gateway address when DHCP state is off

API Version

1

Actions

retrieve update delete

Regex for Values

((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)

Default Value

0.0.0.0

Example Value

10.1.3.1

SNMP OID

1.3.6.1.4.1.6036.727.164

Provision

yes

Reboot on Update

no

wifi.gatewayDhcp

Description

DHCP gateway address when DHCP state is on and DHCP is successful

API Version

1

Actions

retrieve

Regex for Values

((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)

Default Value

0.0.0.0

Example Value

10.1.3.1

SNMP OID

1.3.6.1.4.1.6036.727.169

Provision

no

Reboot on Update

no

wifi.identity

Description

Identity for EAP security

API Version

1

Actions

retrieve update delete

Regex for Values

.*

Default Value

Example Value

id1

SNMP OID

1.3.6.1.4.1.6036.727.182

Provision

yes

Reboot on Update

no

wifi.ip

Description

Static IP address when DHCP state is off

API Version

1

Actions

retrieve update delete

Regex for Values

((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)

Default Value

0.0.0.0

Example Value

10.1.3.4

SNMP OID

1.3.6.1.4.1.6036.727.162

Provision

yes

Reboot on Update

no

wifi.ipDhcp

Description

DHCP IP address when DHCP state is on and DHCP is successful

API Version

1

Actions

retrieve

Regex for Values

((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)

Default Value

0.0.0.0

Example Value

10.1.3.4

SNMP OID

1.3.6.1.4.1.6036.727.167

Provision

no

Reboot on Update

no

wifi.join

Description

This will initiate a WiFi connection with given WiFi settings

API Version

1

Actions

perform

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.173

Provision

no

Reboot on Update

no

wifi.keyPassword

Description

Private key password for the private key in certificate

API Version

1

Actions

retrieve update delete

Regex for Values

.*

Default Value

Example Value

31983hjs

SNMP OID

1.3.6.1.4.1.6036.727.209

Provision

no

Reboot on Update

no

wifi.mac

Description

MAC address of the WiFi interface

API Version

1

Actions

retrieve

Regex for Values

([0-9a-fA-F]{2}:){5}([0-9a-fA-F]{2})

Default Value

00:00:00:00:00:00

Example Value

00:34:55:65:66:77

SNMP OID

1.3.6.1.4.1.6036.727.172

Provision

no

Reboot on Update

no

wifi.netmask

Description

Static subnet mask address when DHCP state is off

API Version

1

Actions

retrieve update delete

Regex for Values

((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)

Default Value

0.0.0.0

Example Value

255.255.255.0

SNMP OID

1.3.6.1.4.1.6036.727.163

Provision

yes

Reboot on Update

no

wifi.netmaskDhcp

Description

DHCP subnet mask when DHCP state is on and DHCP is successful

API Version

1

Actions

retrieve

Regex for Values

((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)

Default Value

0.0.0.0

Example Value

255.255.255.0

SNMP OID

1.3.6.1.4.1.6036.727.168

Provision

no

Reboot on Update

no

wifi.networkFound

Description

Sends a notify when a new network is found during scan state

API Version

1

Actions

retrieve

Regex for Values

.*

Default Value

Example Value

MyNetwork

SNMP OID

1.3.6.1.4.1.6036.727.178

Provision

no

Reboot on Update

no

wifi.password

Description

Key for WEP, and password for WPA/WPA2PSK and EAP

API Version

1

Actions

retrieve update delete

Regex for Values

.*

Default Value

Example Value

some

SNMP OID

1.3.6.1.4.1.6036.727.181

Provision

no

Reboot on Update

no

wifi.phase2Authentication

Description

EAP phase 2 authentication method

API Version

1

Actions

retrieve update delete

Regex for Values

none|CHAP|PAP|MSCHAPV2|MSCHAP|MD5

Default Value

none

Example Value

CHAP

SNMP OID

1.3.6.1.4.1.6036.727.185

Provision

yes

Reboot on Update

no

wifi.putCertificate

Description

Upload the certificate for WiFi TLS, a string of certificate content, must have private key in it (newline as \\n)

API Version

1

Actions

perform retrieve

Regex for Values

.*

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.204

Provision

no

Reboot on Update

no

wifi.putCertificateCa

Description

Upload the CA certificate for WiFi TLS, a string of certificate content

API Version

1

Actions

perform retrieve

Regex for Values

.*

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.210

Provision

no

Reboot on Update

no

wifi.scan

Description

Scans the WiFi network for WiFi access points/routers. Results of scan are sent as notifies to networkFound property

API Version

1

Actions

perform

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.175

Provision

no

Reboot on Update

no

wifi.scanComplete

Description

Indicates if a WIFI scan is complete

API Version

1

Actions

retrieve

Regex for Values

Default Value

Example Value

SNMP OID

1.3.6.1.4.1.6036.727.177

Provision

no

Reboot on Update

no

wifi.secondaryDns

Description

Static secondary DNS address when DHCP state is off

API Version

1

Actions

retrieve update delete

Regex for Values

((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)

Default Value

0.0.0.0

Example Value

8.8.8.8

SNMP OID

1.3.6.1.4.1.6036.727.166

Provision

yes

Reboot on Update

no

wifi.secondaryDnsDhcp

Description

DHCP secondary DNS address when DHCP state is on and DHCP is successful

API Version

1

Actions

retrieve

Regex for Values

((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)

Default Value

0.0.0.0

Example Value

8.8.8.8

SNMP OID

1.3.6.1.4.1.6036.727.171

Provision

no

Reboot on Update

no

wifi.security

Description

WiFi network security

API Version

1

Actions

retrieve update delete

Regex for Values

wep|psk|ieee8021x|none|eap

Default Value

none

Example Value

psk

SNMP OID

1.3.6.1.4.1.6036.727.180

Provision

yes

Reboot on Update

no

wifi.ssid

Description

SSID of WiFi network to join/autoconnect to

API Version

1

Actions

retrieve update delete

Regex for Values

.*

Default Value

Example Value

MyNetwork

SNMP OID

1.3.6.1.4.1.6036.727.179

Provision

yes

Reboot on Update

no

wifi.state

Description

State of the WiFi module

API Version

1

Actions

retrieve

Regex for Values

idle|failure|association|configuration|ready|disconnect|online

Default Value

idle

Example Value

online

SNMP OID

1.3.6.1.4.1.6036.727.176

Provision

no

Reboot on Update

no

Appendix A: VB1 MIB

```
VB1-MIB DEFINITIONS ::= BEGIN
    IMPORTS
        OBJECT-TYPE, MODULE-IDENTITY, enterprises FROM SNMPv2-SMI
        DisplayString FROM SNMPv2-TC
    ;

boseAgentMIB MODULE-IDENTITY
    LAST-UPDATED "201905010000Z"
    ORGANIZATION "www.pro.bose.com"
    CONTACT-INFO "postal:
                    145 Pennsylvania Ave
                    Framingham, MA 01701
                  phone: 1-800-994-BOSE"
    DESCRIPTION "MIB for VB1 SNMP agent."
    REVISION "201905010000Z"
    DESCRIPTION "First release"
    ::= { enterprises 6036 }

    vb1 OBJECT IDENTIFIER ::= { boseAgentMIB 727 }
    vb1Traps OBJECT IDENTIFIER ::= { vb1 1 }
    vb1TrapsObjects OBJECT IDENTIFIER ::= { vb1Traps 1 }

--
-- * Begin *
--

o-audio-auxiliaryInputLevel OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Auxiliary input metering level"
    ::= { vb1 75}

o-audio-bluetoothInputLevel OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Bluetooth input metering level"
    ::= { vb1 76}

o-audio-bluetoothOutputLevel OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Bluetooth output metering level"
    ::= { vb1 77}

o-audio-enableBridgeMode OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
```

```
    DESCRIPTION "Sets the audio bridging between Bluetooth and USB"
    ::= { vb1 206}

o-audio-inputSource OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Selects the source of audio to be mixed with system microphone."
    ::= { vb1 80}

o-audio-inputSourceToggle OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Toggles between the sources of audio to be mixed with system
microphone."
    ::= { vb1 81}

o-audio-loudspeakerLevel OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Loudspeaker metering level"
    ::= { vb1 72}

o-audio-loudspeakerMute OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Mutes/unmutes the system loudspeaker."
    ::= { vb1 51}

t-audio-loudspeakerMute OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS accessible-for-notify
    STATUS current
    DESCRIPTION " Mutes/unmutes the system loudspeaker."
    ::= { vb1TrapsObjects 51}

o-audio-loudspeakerMuteToggle OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Changes the mute state of the system loudspeaker."
    ::= { vb1 52}

o-audio-loudspeakerVolume OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Sets the system loudspeaker volume."
    ::= { vb1 3}

o-audio-loudspeakerVolumeDown OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Decreases the system loudspeaker volume by one step."
```

```
    ::= { vb1 5}

o-audio-loudspeakerVolumeUp OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Increases the system loudspeaker volume by one step."
    ::= { vb1 4}

o-audio-micLevel OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Microphone metering level"
    ::= { vb1 71}

o-audio-micMute OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Mutes/unmutes the system microphone."
    ::= { vb1 2}

t-audio-micMute OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS accessible-for-notify
    STATUS current
    DESCRIPTION " Mutes/unmutes the system microphone."
    ::= { vb1TrapsObjects 2}

o-audio-micMuteToggle OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Changes the mute state of the system microphone."
    ::= { vb1 21}

o-audio-sendUltrasound OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Generate ultrasound signal with given characters"
    ::= { vb1 193}

o-audio-ultrasoundPairingGain OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Sets the ultrasound pairing gain for pairing devices using ultrasound
loudspeaker signal."
    ::= { vb1 82}

o-audio-ultrasoundRetries OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Sets the ultrasound pairing retries during the ultrasound on state.
After number of retries specified here, the ultrasound state will change back to off."
```

```
    ::= { vb1 84}

o-audio-ultrasoundState OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Sets the ultrasound pairing state. The on state will emit pairing
signal a specified number of times, then go back to off state."
    ::= { vb1 83}

o-audio-usbInputLevel OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "USB input metering level"
    ::= { vb1 78}

o-audio-usbOutputLevel OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "USB output metering level"
    ::= { vb1 79}

o-autoframing-border OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Describes how agressive the algorithm is in framing content"
    ::= { vb1 132}

o-autoframing-headroom OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Headroom adjustment for participants when autoframing"
    ::= { vb1 133}

o-autoframing-panTiltSpeed OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Pan and tilt speed for autoframing"
    ::= { vb1 130}

o-autoframing-state OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Turn on/off the camera autoframing feature"
    ::= { vb1 25}

t-autoframing-state OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS accessible-for-notify
    STATUS current
    DESCRIPTION " Turn on/off the camera autoframing feature"
    ::= { vb1TrapsObjects 25}
```

```
o-autoframing-stateToggle OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Toggle autoframing state on/off"
    ::= { vb1 129}

o-autoframing-zoomSpeed OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Zoom for autoframing"
    ::= { vb1 131}

o-beam-ammState OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Shows which beam has been designated as the 'open mic'"
    ::= { vb1 143}

o-beam-cameraHeight OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Camera height above ground in the room in which the device is
installed"
    ::= { vb1 160}

o-beam-dynamicAngles OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "When the beam type is dynamic, this has dynamic beam angles"
    ::= { vb1 144}

o-beam-exclusionZoneOneMaximumAngle OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Maximum angle for exclusion zone one"
    ::= { vb1 146}

o-beam-exclusionZoneOneMinimumAngle OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Minimum angle for exclusion zone one"
    ::= { vb1 145}

o-beam-exclusionZoneThree OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Exclusion zone 3 (50 to 90 degrees)"
    ::= { vb1 142}
```

```
o-beam-exclusionZoneThreeMaximumAngle OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Maximum angle for exclusion zone three"
    ::= { vb1 150}

o-beam-exclusionZoneThreeMinimumAngle OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Minimum angle for exclusion zone three"
    ::= { vb1 149}

o-beam-exclusionZoneTwoMaximumAngle OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Maximum angle for exclusion zone two"
    ::= { vb1 148}

o-beam-exclusionZoneTwoMinimumAngle OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Minimum angle for exclusion zone two"
    ::= { vb1 147}

o-beam-roomHeight OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Height of the room in which the device is installed"
    ::= { vb1 153}

o-beam-roomLength OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Length of the room in which the device is installed"
    ::= { vb1 152}

o-beam-roomWidth OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Width of the room in which the device is installed"
    ::= { vb1 151}

o-beam-staticFourAngle OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "When beam type is static, this specifies static beam four angle"
    ::= { vb1 141}

o-beam-staticOneAngle OBJECT-TYPE
    SYNTAX DisplayString
```

```
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "When the beam type is static, this specifies the static beam one
angle"
    ::= { vb1 138}

o-beam-staticThreeAngle OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "When the beam type is static, this specifies the static beam three
angle"
    ::= { vb1 140}

o-beam-staticTwoAngle OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "When the beam type is static, this specifies the static beam two
angle"
    ::= { vb1 139}

o-beam-type OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Beam type. Beams can be fixed or dynamically allocated."
    ::= { vb1 137}

o-behavior-aecEnabled OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Turns on/off the acoustic echo canceller"
    ::= { vb1 61}

o-behavior-autoframingEnabled OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Turns on/off autoframing"
    ::= { vb1 26}

o-behavior-auxiliaryInputEnabled OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Turns on/off the auxiliary input"
    ::= { vb1 66}

o-behavior-bluetoothButtonEnabled OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Enables or disables the Bluetooth button"
    ::= { vb1 60}

o-behavior-bluetoothEnabled OBJECT-TYPE
```

```
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Turns on/off the system Bluetooth"
    ::= { vb1 58}

o-behavior-cameraEnabled OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Turns on/off the system camera. The camera will not enumerate when
disabled."
    ::= { vb1 62}

o-behavior-discoveryEnabled OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Turns on/off the discovery of the device on IP network"
    ::= { vb1 64}

o-behavior-enableBeamEvents OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "This enables sending of dynamic beam events periodically"
    ::= { vb1 68}

o-behavior-enableMeteringEvents OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "This enables sending of audio metering events periodically"
    ::= { vb1 69}

o-behavior-ethernetEnabled OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Turns on/off the system Ethernet interface"
    ::= { vb1 56}

o-behavior-gpioActiveHigh OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Sets GPIO pin for external interface active high or active low"
    ::= { vb1 67}

o-behavior-gpioEnabled OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Turns on/off the GPIO control"
    ::= { vb1 200}

o-behavior-hdmiEnabled OBJECT-TYPE
    SYNTAX DisplayString
```

```
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Turns on/off the HDMI"
    ::= { vb1 201}

o-behavior-identifyEnabled OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Turns on/off the system identification wink (LEDs)"
    ::= { vb1 1}

o-behavior-lpmEnabled OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Enable / disable low power mode"
    ::= { vb1 70}

o-behavior-mtrOn OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "This enables MTR mode on the device for meeting room configuration"
    ::= { vb1 197}

o-behavior-muteButtonEnabled OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Enables or disables the mute button"
    ::= { vb1 27}

o-behavior-presetsEnabled OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Turns on/off the ability to set camera presets by user"
    ::= { vb1 57}

o-behavior-ultrasoundPairingEnabled OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Turns on/off the ability to pair using ultrasound"
    ::= { vb1 63}

o-behavior-wifiEnabled OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Turns on/off the system WiFi"
    ::= { vb1 59}

o-bluetooth-callAnswer OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
```

```
    DESCRIPTION "Answer incoming call on connected device"
    ::= { vb1 207}

o-bluetooth-callState OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Call status of Bluetooth call"
    ::= { vb1 108}

t-bluetooth-callState OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS accessible-for-notify
    STATUS current
    DESCRIPTION " Call status of Bluetooth call"
    ::= { vb1TrapsObjects 108}

o-bluetooth-callTerminateReject OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Terminate active call, or reject incoming call on connected device"
    ::= { vb1 208}

o-bluetooth-clearPairingList OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Clears the pairing list of devices"
    ::= { vb1 109}

o-bluetooth-connect OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Connect to previously paired device. For BT Sig compliance test cases
only."
    ::= { vb1 212}

o-bluetooth-connected OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Shows if connected to the paired device or not"
    ::= { vb1 107}

t-bluetooth-connected OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS accessible-for-notify
    STATUS current
    DESCRIPTION " Shows if connected to the paired device or not"
    ::= { vb1TrapsObjects 107}

o-bluetooth-mac OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Bluetooth MAC address"
```

```
    ::= { vb1 105}

o-bluetooth-paired OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Paired device name"
    ::= { vb1 106}

o-bluetooth-pairingState OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Bluetooth pairing state. The on state will allow pairing with the
device for a fixed interval. Once the pairing interval is over, the state will change
to off"
    ::= { vb1 20}

o-bluetooth-pairingStateToggle OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "This will toggle the pairing state from on/off to off/on"
    ::= { vb1 198}

o-bluetooth-pairingTimeout OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Bluetooth pairing timeout in seconds. A value of 0 means pairing will
be on indefinitely"
    ::= { vb1 104}

o-bluetooth-state OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Bluetooth and BLE state. The on state will indicate that Bluetooth
and BLE are on, the off state will indicate that the Bluetooth and BLE are off"
    ::= { vb1 103}

t-bluetooth-state OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS accessible-for-notify
    STATUS current
    DESCRIPTION " Bluetooth and BLE state. The on state will indicate that Bluetooth
and BLE are on, the off state will indicate that the Bluetooth and BLE are off"
    ::= { vb1TrapsObjects 103}

o-bluetooth-streamState OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Stream status of Bluetooth"
    ::= { vb1 194}

t-bluetooth-streamState OBJECT-TYPE
    SYNTAX DisplayString
```

```
    MAX-ACCESS accessible-for-notify
    STATUS current
    DESCRIPTION " Stream status of Bluetooth"
    ::= { vb1TrapsObjects 194}

o-camera-activePreset OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "This is the active preset. Note, at camera start or restart the
active preset is set to Home."
    ::= { vb1 19}

o-camera-antiflicker OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Sets power line frequency value to reduce anti flicker"
    ::= { vb1 90}

o-camera-applyActivePreset OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "This applies the active preset to the PTZ settings"
    ::= { vb1 15}

o-camera-awb OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Sets image AWB"
    ::= { vb1 98}

o-camera-backlightCompensation OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Sets compensation for bright backgrounds"
    ::= { vb1 196}

o-camera-brightness OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Sets image brightness"
    ::= { vb1 92}

o-camera-contrast OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Sets image contrast"
    ::= { vb1 93}

o-camera-firmwareVersion OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
```

```
    STATUS current
    DESCRIPTION "Firmware version of the camera firmware running on the device. This
is set automatically on system firmware upgrade."
    ::= { vb1 99}

o-camera-firstPreset OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Camera first preset in pan tilt zoom order "
    ::= { vb1 87}

o-camera-hardwareVersion OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Hardware version of the camera"
    ::= { vb1 102}

o-camera-homePreset OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Camera home preset in pan tilt zoom order."
    ::= { vb1 86}

o-camera-lowLightCompensationState OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Tunrs on/off camera low light compensation"
    ::= { vb1 89}

o-camera-osdBbox OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "OSD bounding box enable / disable"
    ::= { vb1 205}

o-camera-osdRes OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "OSD resolution enable / disable"
    ::= { vb1 202}

o-camera-pan OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Contains the current camera pan value"
    ::= { vb1 7}

o-camera-panLeft OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
```

```
    DESCRIPTION "Pans camera left by one step"
    ::= { vb1 11}

o-camera-panRight OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Pans camera right by one step"
    ::= { vb1 12}

o-camera-saturation OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Sets image saturation"
    ::= { vb1 94}

o-camera-savePresetFirst OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "This takes the cuirrent PTZ values and saves them to the first
preset"
    ::= { vb1 23}

o-camera-savePresetHome OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "This takes the cuirrent PTZ values and saves them to the home preset"
    ::= { vb1 18}

o-camera-savePresetSecond OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "This takes the cuirrent PTZ values and saves them to the second
preset"
    ::= { vb1 24}

o-camera-secondPreset OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Camera second preset in pan tilt zoom order "
    ::= { vb1 88}

o-camera-sharpness OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Sets image sharpness"
    ::= { vb1 95}

o-camera-state OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
```

```
    DESCRIPTION "Camera state. When active camera is streaming video, when inactive
camera is not streaming, when upgrading camera is upgrading firmware"
    ::= { vb1 96}

t-camera-state OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS accessible-for-notify
    STATUS current
    DESCRIPTION " Camera state. When active camera is streaming video, when inactive
camera is not streaming, when upgrading camera is upgrading firmware"
    ::= { vb1TrapsObjects 96}

o-camera-streamActivity OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "camera stream activity status on BWC"
    ::= { vb1 211}

o-camera-tilt OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Contains the current camera tilt value"
    ::= { vb1 8}

o-camera-tiltDown OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Tilts camera down by one step"
    ::= { vb1 14}

o-camera-tiltUp OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Tilts camera up by one step"
    ::= { vb1 13}

o-camera-videoMode OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Sets video settings accroding to the mode"
    ::= { vb1 203}

o-camera-wdr OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Wdr strength"
    ::= { vb1 215}

o-camera-whiteBalance OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
```

```
    DESCRIPTION "Sets image white balance"
    ::= { vb1 97}

o-camera-zoom OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Contains the current camera zoom value"
    ::= { vb1 6}

o-camera-zoomIn OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Zooms camera in by one step"
    ::= { vb1 9}

o-camera-zoomOut OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Zooms camera out by one step"
    ::= { vb1 10}

o-network-dhcpState OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "DHCP state. When DHCP state is on, network will be configured through
DHCP. When DHCP state is off, static values are used"
    ::= { vb1 116}

o-network-dns OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Static DNS address when DHCP state is off"
    ::= { vb1 120}

o-network-dnsDhcp OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "DHCP DNS address when DHCP state is on and DHCP is successful"
    ::= { vb1 125}

o-network-gateway OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Static gateway address when DHCP state is off"
    ::= { vb1 119}

o-network-gatewayDhcp OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "DHCP gateway address when DHCP state is on and DHCP is successful"
```

```
    ::= { vb1 124}

o-network-ip OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Static IP address when DHCP state is off"
    ::= { vb1 117}

o-network-ipDhcp OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "DHCP IP address when DHCP state is on and DHCP is successful"
    ::= { vb1 122}

o-network-mac OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "MAC address of the LAN interface"
    ::= { vb1 128}

o-network-netmask OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Static subnet mask address when DHCP state is off"
    ::= { vb1 118}

o-network-netmaskDhcp OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "DHCP subnet mask when DHCP state is on and DHCP is successful"
    ::= { vb1 123}

o-network-secondaryDns OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Static secondary DNS address when DHCP state is off"
    ::= { vb1 121}

o-network-secondaryDnsDhcp OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "DHCP secondary DNS address when DHCP state is on and DHCP is
successful"
    ::= { vb1 126}

o-network-state OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "State of the Ethernet module"
    ::= { vb1 127}
```

```
o-system-apiVersion OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "API version of this API"
    ::= { vb1 28}

o-system-building OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Human readable building location of the device"
    ::= { vb1 40}

o-system-downloadLogs OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Allows reading of logs on the device. Changing the value will
initiate a download of logs"
    ::= { vb1 34}

o-system-downloadLogsStatus OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Notify to this parameter will notify with logs download status in
percent (0 - 100)."
    ::= { vb1 35}

o-system-firmwareTimedVersion OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Firmware version of the firmware to be applied at a scheduled time"
    ::= { vb1 29}

o-system-firmwareUpdate OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Allows updating the firmware on the device. Changing the value will
initiate a firmware update from the firmware image specified in the argument. Valid
values include URLs and file names."
    ::= { vb1 31}

o-system-firmwareUpdateCode OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Firmware update warning/error code"
    ::= { vb1 214}

o-system-firmwareUpdateStatus OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
```

```
    DESCRIPTION "Notify to this parameter will notify with firmware update status in
percent (0 - 100)."
    ::= { vb1 32}

o-system-firmwareUpdateStatusSteps OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Indicates the upgrade status steps for various system components"
    ::= { vb1 33}

o-system-firmwareUpdateTime OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Time in seconds from epoch for scheduled firmware update"
    ::= { vb1 30}

o-system-firmwareUpdateUser OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Allows updating the firmware on the device. Changing the value will
initiate a firmware update from USB."
    ::= { vb1 195}

o-system-firmwareVersion OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Firmware version of the firmware running on the device. This is set
automatically on system firmware upgrade."
    ::= { vb1 22}

o-system-floor OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Human readable floor location of the device"
    ::= { vb1 39}

o-system-gpiMuteStatus OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Shows GPI mute status on/off"
    ::= { vb1 199}

t-system-gpiMuteStatus OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS accessible-for-notify
    STATUS current
    DESCRIPTION " Shows GPI mute status on/off"
    ::= { vb1TrapsObjects 199}

o-system-hardwareVersion OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
```

```
    STATUS current
    DESCRIPTION "Hardware version"
    ::= { vb1 17}

o-system-lpmState OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Get/set low power state"
    ::= { vb1 192}

o-system-name OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Human readable name of the device so it can be uniquely identified
over external  interfaces."
    ::= { vb1 37}

o-system-ntpServer OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "NTP server address. If set, system time will be obtained via
network."
    ::= { vb1 49}

o-system-password OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Password for logging into the system via any external interface. The
password is stored as MD5 sum."
    ::= { vb1 36}

o-system-profile OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Sets and gets the profile of the device in flat JSON format"
    ::= { vb1 44}

o-system-profileDescription OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Description of the profile loaded to the system"
    ::= { vb1 43}

o-system-profileDirtyState OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Indicates if the profile has changed since last profile update"
    ::= { vb1 41}

o-system-profileImportStatus OBJECT-TYPE
    SYNTAX DisplayString
```

```
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Notify to this parameter will notify with import profile status in
percent (0 - 100)."
    ::= { vb1 45}

o-system-profileName OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Profile name is set on provisioning of a new profile file"
    ::= { vb1 42}

o-system-profileRestore OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Restores the current profile"
    ::= { vb1 46}

o-system-ready OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Shows if system is ready after start up"
    ::= { vb1 191}

t-system-ready OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS accessible-for-notify
    STATUS current
    DESCRIPTION " Shows if system is ready after start up"
    ::= { vb1TrapsObjects 191}

o-system-reboot OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Reboots the system"
    ::= { vb1 50}

o-system-room OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Human readable room location of the device"
    ::= { vb1 38}

o-system-serialNumber OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Serial number of the device."
    ::= { vb1 16}

o-system-time OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
```

```
    STATUS current
    DESCRIPTION "System time UTC, seconds from epoch"
    ::= { vb1 47}

o-system-timezone OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "System time zone"
    ::= { vb1 48}

o-usb-callStatus OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Call status from the host connected to USB port of the system"
    ::= { vb1 55}

t-usb-callStatus OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS accessible-for-notify
    STATUS current
    DESCRIPTION " Call status from the host connected to USB port of the system"
    ::= { vb1TrapsObjects 55}

o-usb-connectionStatus OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "USB cable connection status, 0 when disconnected"
    ::= { vb1 54}

t-usb-connectionStatus OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS accessible-for-notify
    STATUS current
    DESCRIPTION " USB cable connection status, 0 when disconnected"
    ::= { vb1TrapsObjects 54}

o-usb-downstream OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Audio stream from host connected to the USB port to the system"
    ::= { vb1 53}

t-usb-downstream OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS accessible-for-notify
    STATUS current
    DESCRIPTION " Audio stream from host connected to the USB port to the system"
    ::= { vb1TrapsObjects 53}

o-usb-upstream OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Audio stream from system to the host connected to the USB port"
```

```
    ::= { vb1 91}

t-usb-upstream OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS accessible-for-notify
    STATUS current
    DESCRIPTION " Audio stream from system to the host connected to the USB port"
    ::= { vb1TrapsObjects 91}

o-wifi-anonymousIdentity OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Anonymous identity for EAP security"
    ::= { vb1 183}

o-wifi-autoConnect OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "When on, system will automatically connect to a configured WiFi
network in range"
    ::= { vb1 174}

o-wifi-certificate OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Certificate for PEAP authentication. Property domain must be
specified for system cerrtificate"
    ::= { vb1 186}

o-wifi-dhcpState OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "DHCP state. When DHCP state is on, WiFi will be configured through
DHCP. When DHCP state is off, static values are used"
    ::= { vb1 161}

o-wifi-dns OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Static DNS address when DHCP state is off"
    ::= { vb1 165}

o-wifi-dnsDhcp OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "DHCP DNS address when DHCP state is on and DHCP is successful"
    ::= { vb1 170}

o-wifi-domain OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
```

```
    DESCRIPTION "Domain for the PEAP authentication when CA certificate is used"
    ::= { vb1 187}

o-wifi-eapMethod OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "EAP method for EAP security"
    ::= { vb1 184}

o-wifi-gateway OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Static gateway address when DHCP state is off"
    ::= { vb1 164}

o-wifi-gatewayDhcp OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "DHCP gateway address when DHCP state is on and DHCP is successful"
    ::= { vb1 169}

o-wifi-identity OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Identity for EAP security"
    ::= { vb1 182}

o-wifi-ip OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Static IP address when DHCP state is off"
    ::= { vb1 162}

o-wifi-ipDhcp OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "DHCP IP address when DHCP state is on and DHCP is successful"
    ::= { vb1 167}

o-wifi-join OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "This will initiate a WiFi connection with given WiFi settings"
    ::= { vb1 173}

o-wifi-keyPassword OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Private key password for the private key in certificate"
    ::= { vb1 209}
```

```
o-wifi-mac OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "MAC address of the WiFi interface"
    ::= { vb1 172}

o-wifi-netmask OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Static subnet mask address when DHCP state is off"
    ::= { vb1 163}

o-wifi-netmaskDhcp OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "DHCP subnet mask when DHCP state is on and DHCP is successful"
    ::= { vb1 168}

o-wifi-networkFound OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Sends a notify when a new network is found during scan state"
    ::= { vb1 178}

o-wifi-password OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Key for WEP, and password for WPA/WPA2PSK and EAP"
    ::= { vb1 181}

o-wifi-phase2Authentication OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "EAP phase 2 authentication method"
    ::= { vb1 185}

o-wifi-putCertificate OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Upload the certificate for WiFi TLS, a string of certificate content,
must have private key in it (newline as \\n)"
    ::= { vb1 204}

o-wifi-putCertificateCa OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Upload the CA certificate for WiFi TLS, a string of certificate
content"
    ::= { vb1 210}
```

```
o-wifi-scan OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Scans the WiFi network for WiFi access points/routers. Results of
scan are sent as notifies to networkFound property"
    ::= { vb1 175}

o-wifi-scanComplete OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Indicates if a WIFI scan is complete"
    ::= { vb1 177}

o-wifi-secondaryDns OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "Static secondary DNS address when DHCP state is off"
    ::= { vb1 166}

o-wifi-secondaryDnsDhcp OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "DHCP secondary DNS address when DHCP state is on and DHCP is
successful"
    ::= { vb1 171}

o-wifi-security OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "WiFi network security"
    ::= { vb1 180}

o-wifi-ssid OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION "SSID of WiFi network to join/autoconnect to"
    ::= { vb1 179}

o-wifi-state OBJECT-TYPE
    SYNTAX DisplayString
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "State of the WiFi module"
    ::= { vb1 176}

END
```