

AVN-CU1 Ember+ Reference

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258

Parameters

1

Functions

0

Matrices

34

Nodes

Parameters

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.1.1	root / identity / product	String [3]	Read [1]	AVN-CU1 UTF8	
1.1.2	root / identity / company	String [3]	Read [1]	Sonifex Ltd. UTF8	
1.1.3	root / identity / serial	String [3]	Read [1]	0146422 UTF8	
1.1.4	root / identity / version	String [3]	Read [1]	1.5.3047 UTF8	
1.3.1	root / network / friendly_name	String [3]	Read / Write [3]	AVN-CU1-0146422 UTF8	
1.3.2	root / network / interface_mode	Integer [1]	Read / Write [3]	1 INTEGER	Range 1 to 2 Allowed values 0 1 = switched 2 = redundant
1.3.3.1	root / network / br0 / mode	Integer [1]	Read / Write [3]	2 INTEGER	Allowed values 0 = disabled 1 = static 2 = dynamic
1.3.3.2	root / network / br0 / ip_address	String [3]	Read / Write [3]	192.168.0.100 UTF8	
1.3.3.3	root / network / br0 / netmask	String [3]	Read / Write [3]	255.255.255.0 UTF8	
1.3.3.4	root / network / br0 / gateway	String [3]	Read / Write [3]	0.0.0.0 UTF8	
1.3.3.5	root / network / br0 / mac_address	String [3]	Read [1]	00:1F:7B:1E:30:91 UTF8	
1.4.1	root / frontpanel / meter scale	Integer [1]	Read / Write [3]	0 INTEGER	Range 0 to 1 Allowed values 0 = dBFS 1 = VU
1.4.2	root / frontpanel / meter source	Integer [1]	Read / Write [3]	0 INTEGER	Range 0 to 1 Allowed values 0 = pre DSP 1 = post DSP

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.4.3	root / frontpanel / onair button mode	Integer [1]	Read / Write [3]	3 INTEGER	Range 0 to 4 Allowed values 0 = Always Off 1 = Momentary 2 = Latching 3 = Auto 4 = Always On
1.4.4	root / frontpanel / onair button colour	Integer [1]	Read / Write [3]	1 INTEGER	Range 0 to 7 Allowed values 0 = Off 1 = Red 2 = Green 3 = Blue 4 = Yellow 5 = Cyan 6 = Magenta 7 = White
1.4.5	root / frontpanel / onair button notify colour	Integer [1]	Read / Write [3]	1 INTEGER	Range 0 to 7 Allowed values 0 = Off 1 = Red 2 = Green 3 = Blue 4 = Yellow 5 = Cyan 6 = Magenta 7 = White
1.4.6	root / frontpanel / gpio button mode	Integer [1]	Read / Write [3]	3 INTEGER	Range 0 to 4 Allowed values 0 = Always Off 1 = Momentary 2 = Latching 3 = Auto 4 = Always On
1.4.7	root / frontpanel / gpio button colour	Integer [1]	Read / Write [3]	3 INTEGER	Range 0 to 7 Allowed values 0 = Off 1 = Red 2 = Green 3 = Blue 4 = Yellow 5 = Cyan 6 = Magenta 7 = White
1.4.8	root / frontpanel / gpio button notify colour	Integer [1]	Read / Write [3]	3 INTEGER	Range 0 to 7 Allowed values 0 = Off 1 = Red 2 = Green 3 = Blue 4 = Yellow 5 = Cyan 6 = Magenta 7 = White

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.4.9	root / frontpanel / talkback A button mode	Integer [1]	Read / Write [3]	1 INTEGER	Range 0 to 4 Allowed values 0 = Always Off 1 = Momentary 2 = Latching 3 = Auto 4 = Always On
1.4.10	root / frontpanel / talkback A button colour	Integer [1]	Read / Write [3]	2 INTEGER	Range 0 to 7 Allowed values 0 = Off 1 = Red 2 = Green 3 = Blue 4 = Yellow 5 = Cyan 6 = Magenta 7 = White
1.4.11	root / frontpanel / talkback A button notify colour	Integer [1]	Read / Write [3]	4 INTEGER	Range 0 to 7 Allowed values 0 = Off 1 = Red 2 = Green 3 = Blue 4 = Yellow 5 = Cyan 6 = Magenta 7 = White
1.4.12	root / frontpanel / talkback A onair	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.13	root / frontpanel / talkback B button mode	Integer [1]	Read / Write [3]	1 INTEGER	Range 0 to 4 Allowed values 0 = Always Off 1 = Momentary 2 = Latching 3 = Auto 4 = Always On
1.4.14	root / frontpanel / talkback B button colour	Integer [1]	Read / Write [3]	2 INTEGER	Range 0 to 7 Allowed values 0 = Off 1 = Red 2 = Green 3 = Blue 4 = Yellow 5 = Cyan 6 = Magenta 7 = White
1.4.15	root / frontpanel / talkback B button notify colour	Integer [1]	Read / Write [3]	4 INTEGER	Range 0 to 7 Allowed values 0 = Off 1 = Red 2 = Green 3 = Blue 4 = Yellow

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
					5 = Cyan 6 = Magenta 7 = White
1.4.16	root / frontpanel / talkback B onair	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.17	root / frontpanel / talkback C button mode	Integer [1]	Read / Write [3]	1 INTEGER	Range 0 to 4 Allowed values 0 = Always Off 1 = Momentary 2 = Latching 3 = Auto 4 = Always On
1.4.18	root / frontpanel / talkback C button colour	Integer [1]	Read / Write [3]	2 INTEGER	Range 0 to 7 Allowed values 0 = Off 1 = Red 2 = Green 3 = Blue 4 = Yellow 5 = Cyan 6 = Magenta 7 = White
1.4.19	root / frontpanel / talkback C button notify colour	Integer [1]	Read / Write [3]	4 INTEGER	Range 0 to 7 Allowed values 0 = Off 1 = Red 2 = Green 3 = Blue 4 = Yellow 5 = Cyan 6 = Magenta 7 = White
1.4.20	root / frontpanel / talkback C onair	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.21	root / frontpanel / lazy gang talkback	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.22	root / frontpanel / frontpanel brightness	Integer [1]	Read / Write [3]	4 INTEGER	Range 0 to 8 Allowed values 0 = Off 1 = Min 2 = 1 3 = 2 4 = 3 5 = 4 6 = 5 7 = 6 8 = Max
1.4.23	root / frontpanel / override enable	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.24	root / frontpanel / hide menu	Boolean [4]	Read / Write	False BOOLEAN	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
			[3]		
1.4.25	root / frontpanel / lightbar brightness	Integer [1]	Read / Write [3]	4 INTEGER	Range 0 to 8 Allowed values 0 = Off 1 = Min 2 = 1 3 = 2 4 = 3 5 = 4 6 = 5 7 = 6 8 = Max
1.4.26	root / frontpanel / lightbar default colour	Integer [1]	Read / Write [3]	7 INTEGER	Range 0 to 7 Allowed values 0 = Off 1 = Red 2 = Green 3 = Blue 4 = Yellow 5 = Cyan 6 = Magenta 7 = White
1.4.27	root / frontpanel / lightbar active colour 1	Integer [1]	Read / Write [3]	1 INTEGER	Range 0 to 7 Allowed values 0 = Off 1 = Red 2 = Green 3 = Blue 4 = Yellow 5 = Cyan 6 = Magenta 7 = White
1.4.28	root / frontpanel / lightbar active colour 2	Integer [1]	Read / Write [3]	2 INTEGER	Range 0 to 7 Allowed values 0 = Off 1 = Red 2 = Green 3 = Blue 4 = Yellow 5 = Cyan 6 = Magenta 7 = White
1.4.29	root / frontpanel / lightbar active colour 3	Integer [1]	Read / Write [3]	3 INTEGER	Range 0 to 7 Allowed values 0 = Off 1 = Red 2 = Green 3 = Blue 4 = Yellow 5 = Cyan 6 = Magenta 7 = White
1.5.1	root / audio / line up	Integer [1]	Read / Write [3]	1 INTEGER	Range 0 to 4 Allowed values

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
					0 = +15dBu = 0dBFS 1 = +18dBu = 0dBFS 2 = +20dBu = 0dBFS 3 = +22dBu = 0dBFS 4 = +24dBu = 0dBFS
1.5.2	root / audio / preamp gain (dB)	Integer [1]	Read / Write [3]	16 INTEGER	Range 16 to 76
1.5.3	root / audio / signal level	Integer [1]	Read / Write [3]	0 INTEGER	Range 0 to 1 Allowed values 0 = Mic 1 = Line
1.5.4	root / audio / phantom power	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.5	root / audio / mic line hpf enable	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.6	root / audio / mic line hpf frequency (Hz)	Integer [1]	Read / Write [3]	125 INTEGER	Range 40 to 3000
1.5.7	root / audio / mic line limiter enable	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.8	root / audio / mic line limiter type	Integer [1]	Read / Write [3]	0 INTEGER	Range 0 to 1 Allowed values 0 = Peak Limiter 1 = Compressor
1.5.9	root / audio / mic line limiter threshold (dBFS)	Integer [1]	Read / Write [3]	0 INTEGER	Range -40 to 0
1.5.10	root / audio / program signal presence threshold (dB)	Integer [1]	Read / Write [3]	-40 INTEGER	Range -70 to 0
1.5.11	root / audio / program signal presence timeout (s)	Integer [1]	Read / Write [3]	5 INTEGER	Range 0 to 300
1.5.12	root / audio / talkback A signal presence threshold (dB)	Integer [1]	Read / Write [3]	-40 INTEGER	Range -70 to 0
1.5.13	root / audio / talkback A signal presence timeout (s)	Integer [1]	Read / Write [3]	5 INTEGER	Range 0 to 300
1.5.14	root / audio / talkback B signal presence threshold (dB)	Integer [1]	Read / Write [3]	-40 INTEGER	Range -70 to 0
1.5.15	root / audio / talkback B signal presence timeout (s)	Integer [1]	Read / Write [3]	5 INTEGER	Range 0 to 300
1.5.16	root / audio / talkback C signal presence threshold (dB)	Integer [1]	Read / Write [3]	-40 INTEGER	Range -70 to 0

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.5.17	root / audio / talkback C signal presence timeout (s)	Integer [1]	Read / Write [3]	5 INTEGER	Range 0 to 300
1.5.18	root / audio / mic line signal presence threshold (dB)	Integer [1]	Read / Write [3]	-40 INTEGER	Range -70 to 0
1.5.19	root / audio / mic line signal presence timeout (s)	Integer [1]	Read / Write [3]	5 INTEGER	Range 0 to 300
1.5.20	root / audio / headphone attenuation	Integer [1]	Read / Write [3]	6 INTEGER	Range 0 to 24
1.5.21	root / audio / headphone limiter enable	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.22	root / audio / headphone limiter threshold (dBFS)	Integer [1]	Read / Write [3]	0 INTEGER	Range -40 to 0
1.5.23	root / audio / comm output	Integer [1]	Read / Write [3]	1 INTEGER	Range 0 to 2 Allowed values 0 = Disable 1 = Always On 2 = Normal
1.5.24	root / audio / on air dante tx channel label	String [3]	Read [1]	On Air UTF8	
1.5.25	root / audio / talkback A dante tx channel label	String [3]	Read [1]	Talkback A UTF8	
1.5.26	root / audio / talkback B dante tx channel label	String [3]	Read [1]	Talkback B UTF8	
1.5.27	root / audio / talkback C dante tx channel label	String [3]	Read [1]	Talkback C UTF8	
1.5.28	root / audio / program dante rx channel label	String [3]	Read [1]	Program UTF8	
1.5.29	root / audio / talkback A dante rx channel label	String [3]	Read [1]	Talkback A UTF8	
1.5.30	root / audio / talkback B dante rx channel label	String [3]	Read [1]	Talkback B UTF8	
1.5.31	root / audio / talkback C dante rx channel label	String [3]	Read [1]	Talkback C UTF8	
1.6.1.1.1	root / gpio / physical / gpio 1 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.6.1.1.2	root / gpio / physical / gpio 1 / input functions	String [3]	Read / Write [3]	UTF8	
1.6.1.1.3	root / gpio / physical / gpio 1 / output triggers	String [3]	Read / Write [3]	UTF8	
1.6.1.1.4	root / gpio / physical / gpio 1 / active triggers	String [3]	Read [1]	UTF8	
1.6.1.1.5	root / gpio / physical / gpio 1 / input mode	Integer [1]	Read / Write	0 INTEGER	Allowed values 0 = latching

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
			[3]		1 = momentary
1.6.1.1.6	root / gpio / physical / gpio 1 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.1.2.1	root / gpio / physical / gpio 2 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.6.1.2.2	root / gpio / physical / gpio 2 / input functions	String [3]	Read / Write [3]	UTF8	
1.6.1.2.3	root / gpio / physical / gpio 2 / output triggers	String [3]	Read / Write [3]	UTF8	
1.6.1.2.4	root / gpio / physical / gpio 2 / active triggers	String [3]	Read [1]	UTF8	
1.6.1.2.5	root / gpio / physical / gpio 2 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.6.1.2.6	root / gpio / physical / gpio 2 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.1.3.1	root / gpio / physical / gpio 3 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.6.1.3.2	root / gpio / physical / gpio 3 / input functions	String [3]	Read / Write [3]	UTF8	
1.6.1.3.3	root / gpio / physical / gpio 3 / output triggers	String [3]	Read / Write [3]	UTF8	
1.6.1.3.4	root / gpio / physical / gpio 3 / active triggers	String [3]	Read [1]	UTF8	
1.6.1.3.5	root / gpio / physical / gpio 3 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.6.1.3.6	root / gpio / physical / gpio 3 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.1.4.1	root / gpio / physical / gpio 4 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.6.1.4.2	root / gpio / physical / gpio 4 / input functions	String [3]	Read / Write [3]	UTF8	
1.6.1.4.3	root / gpio / physical / gpio 4 / output triggers	String [3]	Read / Write [3]	UTF8	
1.6.1.4.4	root / gpio / physical / gpio 4 / active triggers	String [3]	Read [1]	UTF8	
1.6.1.4.5	root / gpio / physical / gpio 4 / input mode	Integer [1]	Read / Write	0 INTEGER	Allowed values 0 = latching

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
			[3]		1 = momentary
1.6.1.4.6	root / gpio / physical / gpio 4 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.1.5.1	root / gpio / physical / gpio 5 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.6.1.5.2	root / gpio / physical / gpio 5 / input functions	String [3]	Read / Write [3]	UTF8	
1.6.1.5.3	root / gpio / physical / gpio 5 / output triggers	String [3]	Read / Write [3]	UTF8	
1.6.1.5.4	root / gpio / physical / gpio 5 / active triggers	String [3]	Read [1]	UTF8	
1.6.1.5.5	root / gpio / physical / gpio 5 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.6.1.5.6	root / gpio / physical / gpio 5 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.1.6.1	root / gpio / physical / gpio 6 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.6.1.6.2	root / gpio / physical / gpio 6 / input functions	String [3]	Read / Write [3]	UTF8	
1.6.1.6.3	root / gpio / physical / gpio 6 / output triggers	String [3]	Read / Write [3]	UTF8	
1.6.1.6.4	root / gpio / physical / gpio 6 / active triggers	String [3]	Read [1]	UTF8	
1.6.1.6.5	root / gpio / physical / gpio 6 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.6.1.6.6	root / gpio / physical / gpio 6 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.1.7.1	root / gpio / physical / gpio 7 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.6.1.7.2	root / gpio / physical / gpio 7 / input functions	String [3]	Read / Write [3]	UTF8	
1.6.1.7.3	root / gpio / physical / gpio 7 / output triggers	String [3]	Read / Write [3]	UTF8	
1.6.1.7.4	root / gpio / physical / gpio 7 / active triggers	String [3]	Read [1]	UTF8	
1.6.1.7.5	root / gpio / physical / gpio 7 / input mode	Integer [1]	Read / Write	0 INTEGER	Allowed values 0 = latching

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
			[3]		1 = momentary
1.6.1.7.6	root / gpio / physical / gpio 7 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.1.8.1	root / gpio / physical / gpio 8 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.6.1.8.2	root / gpio / physical / gpio 8 / input functions	String [3]	Read / Write [3]	UTF8	
1.6.1.8.3	root / gpio / physical / gpio 8 / output triggers	String [3]	Read / Write [3]	UTF8	
1.6.1.8.4	root / gpio / physical / gpio 8 / active triggers	String [3]	Read [1]	UTF8	
1.6.1.8.5	root / gpio / physical / gpio 8 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.6.1.8.6	root / gpio / physical / gpio 8 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.1.9.1	root / gpio / physical / gpio 9 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.6.1.9.2	root / gpio / physical / gpio 9 / input functions	String [3]	Read / Write [3]	UTF8	
1.6.1.9.3	root / gpio / physical / gpio 9 / output triggers	String [3]	Read / Write [3]	UTF8	
1.6.1.9.4	root / gpio / physical / gpio 9 / active triggers	String [3]	Read [1]	UTF8	
1.6.1.9.5	root / gpio / physical / gpio 9 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.6.1.9.6	root / gpio / physical / gpio 9 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.1.10.1	root / gpio / physical / gpio 10 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.6.1.10.2	root / gpio / physical / gpio 10 / input functions	String [3]	Read / Write [3]	UTF8	
1.6.1.10.3	root / gpio / physical / gpio 10 / output triggers	String [3]	Read / Write [3]	UTF8	
1.6.1.10.4	root / gpio / physical / gpio 10 / active triggers	String [3]	Read [1]	UTF8	
1.6.1.10.5	root / gpio / physical / gpio 10 / input mode	Integer [1]	Read / Write	0 INTEGER	Allowed values 0 = latching

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
			[3]		1 = momentary
1.6.1.10.6	root / gpio / physical / gpio 10 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.1.11.1	root / gpio / physical / relay 1 / output triggers	String [3]	Read / Write [3]	UTF8	
1.6.1.11.2	root / gpio / physical / relay 1 / active triggers	String [3]	Read [1]	UTF8	
1.6.1.11.3	root / gpio / physical / relay 1 / status	Boolean [4]	Read [1]	False BOOLEAN	
1.6.2.1.1	root / gpio / virtual / vgpio 1 / type	Integer [1]	Read / Write [3]	2 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.6.2.1.2	root / gpio / virtual / vgpio 1 / input functions	String [3]	Read / Write [3]	UTF8	
1.6.2.1.3	root / gpio / virtual / vgpio 1 / output triggers	String [3]	Read / Write [3]	GPIO UTF8	
1.6.2.1.4	root / gpio / virtual / vgpio 1 / active triggers	String [3]	Read [1]	UTF8	
1.6.2.1.5	root / gpio / virtual / vgpio 1 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.6.2.1.6	root / gpio / virtual / vgpio 1 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.2.2.1	root / gpio / virtual / vgpio 2 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.6.2.2.2	root / gpio / virtual / vgpio 2 / input functions	String [3]	Read / Write [3]	UTF8	
1.6.2.2.3	root / gpio / virtual / vgpio 2 / output triggers	String [3]	Read / Write [3]	UTF8	
1.6.2.2.4	root / gpio / virtual / vgpio 2 / active triggers	String [3]	Read [1]	UTF8	
1.6.2.2.5	root / gpio / virtual / vgpio 2 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.6.2.2.6	root / gpio / virtual / vgpio 2 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.2.3.1	root / gpio / virtual / vgpio 3 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.6.2.3.2	root / gpio / virtual / vgpio 3 / input functions	String [3]	Read / Write [3]	UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.6.2.3.3	root / gpio / virtual / vgpio 3 / output triggers	String [3]	Read / Write [3]	UTF8	
1.6.2.3.4	root / gpio / virtual / vgpio 3 / active triggers	String [3]	Read [1]	UTF8	
1.6.2.3.5	root / gpio / virtual / vgpio 3 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.6.2.3.6	root / gpio / virtual / vgpio 3 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.2.4.1	root / gpio / virtual / vgpio 4 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.6.2.4.2	root / gpio / virtual / vgpio 4 / input functions	String [3]	Read / Write [3]	UTF8	
1.6.2.4.3	root / gpio / virtual / vgpio 4 / output triggers	String [3]	Read / Write [3]	UTF8	
1.6.2.4.4	root / gpio / virtual / vgpio 4 / active triggers	String [3]	Read [1]	UTF8	
1.6.2.4.5	root / gpio / virtual / vgpio 4 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.6.2.4.6	root / gpio / virtual / vgpio 4 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.2.5.1	root / gpio / virtual / vgpio 5 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.6.2.5.2	root / gpio / virtual / vgpio 5 / input functions	String [3]	Read / Write [3]	UTF8	
1.6.2.5.3	root / gpio / virtual / vgpio 5 / output triggers	String [3]	Read / Write [3]	UTF8	
1.6.2.5.4	root / gpio / virtual / vgpio 5 / active triggers	String [3]	Read [1]	UTF8	
1.6.2.5.5	root / gpio / virtual / vgpio 5 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.6.2.5.6	root / gpio / virtual / vgpio 5 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.2.6.1	root / gpio / virtual / vgpio 6 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.6.2.6.2	root / gpio / virtual / vgpio 6 / input functions	String [3]	Read / Write [3]	UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.6.2.6.3	root / gpio / virtual / vgpio 6 / output triggers	String [3]	Read / Write [3]	UTF8	
1.6.2.6.4	root / gpio / virtual / vgpio 6 / active triggers	String [3]	Read [1]	UTF8	
1.6.2.6.5	root / gpio / virtual / vgpio 6 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.6.2.6.6	root / gpio / virtual / vgpio 6 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.2.7.1	root / gpio / virtual / vgpio 7 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.6.2.7.2	root / gpio / virtual / vgpio 7 / input functions	String [3]	Read / Write [3]	UTF8	
1.6.2.7.3	root / gpio / virtual / vgpio 7 / output triggers	String [3]	Read / Write [3]	UTF8	
1.6.2.7.4	root / gpio / virtual / vgpio 7 / active triggers	String [3]	Read [1]	UTF8	
1.6.2.7.5	root / gpio / virtual / vgpio 7 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.6.2.7.6	root / gpio / virtual / vgpio 7 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.2.8.1	root / gpio / virtual / vgpio 8 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.6.2.8.2	root / gpio / virtual / vgpio 8 / input functions	String [3]	Read / Write [3]	UTF8	
1.6.2.8.3	root / gpio / virtual / vgpio 8 / output triggers	String [3]	Read / Write [3]	UTF8	
1.6.2.8.4	root / gpio / virtual / vgpio 8 / active triggers	String [3]	Read [1]	UTF8	
1.6.2.8.5	root / gpio / virtual / vgpio 8 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.6.2.8.6	root / gpio / virtual / vgpio 8 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.2.9.1	root / gpio / virtual / vgpio 9 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.6.2.9.2	root / gpio / virtual / vgpio 9 / input functions	String [3]	Read / Write [3]	UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.6.2.9.3	root / gpio / virtual / vgpio 9 / output triggers	String [3]	Read / Write [3]	UTF8	
1.6.2.9.4	root / gpio / virtual / vgpio 9 / active triggers	String [3]	Read [1]	UTF8	
1.6.2.9.5	root / gpio / virtual / vgpio 9 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.6.2.9.6	root / gpio / virtual / vgpio 9 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.2.10.1	root / gpio / virtual / vgpio 10 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.6.2.10.2	root / gpio / virtual / vgpio 10 / input functions	String [3]	Read / Write [3]	UTF8	
1.6.2.10.3	root / gpio / virtual / vgpio 10 / output triggers	String [3]	Read / Write [3]	UTF8	
1.6.2.10.4	root / gpio / virtual / vgpio 10 / active triggers	String [3]	Read [1]	UTF8	
1.6.2.10.5	root / gpio / virtual / vgpio 10 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.6.2.10.6	root / gpio / virtual / vgpio 10 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.6.3.1	root / gpio / handlers / h-0	String [3]	Read [1]	Enable On Air UTF8	
1.6.3.2	root / gpio / handlers / h-1	String [3]	Read [1]	Enable GPIO UTF8	
1.6.3.3	root / gpio / handlers / h-2	String [3]	Read [1]	Enable Talkback A UTF8	
1.6.3.4	root / gpio / handlers / h-3	String [3]	Read [1]	Enable Talkback B UTF8	
1.6.3.5	root / gpio / handlers / h-4	String [3]	Read [1]	Enable Talkback C UTF8	
1.6.3.6	root / gpio / handlers / h-5	String [3]	Read [1]	On Air Notify UTF8	
1.6.3.7	root / gpio / handlers / h-6	String [3]	Read [1]	GPIO Notify UTF8	
1.6.3.8	root / gpio / handlers / h-7	String [3]	Read [1]	Talkback A Notify UTF8	
1.6.3.9	root / gpio / handlers / h-8	String [3]	Read [1]	Talkback B Notify UTF8	
1.6.3.10	root / gpio / handlers / h-9	String [3]	Read [1]	Talkback C Notify UTF8	
1.6.3.11	root / gpio / handlers / h-10	String [3]	Read [1]	Lightbar On Colour 1 UTF8	
1.6.3.12	root / gpio / handlers / h-11	String [3]	Read [1]	Lightbar Sweep Colour 1 UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.6.3.13	root / gpio / handlers / h-12	String [3]	Read [1]	Lightbar Flash Colour 1 UTF8	
1.6.3.14	root / gpio / handlers / h-13	String [3]	Read [1]	Lightbar Flash Colours 1/2 UTF8	
1.6.3.15	root / gpio / handlers / h-14	String [3]	Read [1]	Lightbar Flash Colours 1/3 UTF8	
1.6.3.16	root / gpio / handlers / h-15	String [3]	Read [1]	Lightbar On Colour 2 UTF8	
1.6.3.17	root / gpio / handlers / h-16	String [3]	Read [1]	Lightbar Sweep Colour 2 UTF8	
1.6.3.18	root / gpio / handlers / h-17	String [3]	Read [1]	Lightbar Flash Colour 2 UTF8	
1.6.3.19	root / gpio / handlers / h-18	String [3]	Read [1]	Lightbar Flash Colours 2/3 UTF8	
1.6.3.20	root / gpio / handlers / h-19	String [3]	Read [1]	Lightbar On Colour 3 UTF8	
1.6.3.21	root / gpio / handlers / h-20	String [3]	Read [1]	Lightbar Sweep Colour 3 UTF8	
1.6.3.22	root / gpio / handlers / h-21	String [3]	Read [1]	Lightbar Flash Colour 3 UTF8	
1.6.4.1	root / gpio / triggers / t-0	String [3]	Read [1]	Primary Link Down UTF8	
1.6.4.2	root / gpio / triggers / t-1	String [3]	Read [1]	Secondary Link Down UTF8	
1.6.4.3	root / gpio / triggers / t-2	String [3]	Read [1]	DC Power Off UTF8	
1.6.4.4	root / gpio / triggers / t-3	String [3]	Read [1]	POE1 Power Off UTF8	
1.6.4.5	root / gpio / triggers / t-4	String [3]	Read [1]	POE2 Power Off UTF8	
1.6.4.6	root / gpio / triggers / t-5	String [3]	Read [1]	PTP Sync Lost UTF8	
1.6.4.7	root / gpio / triggers / t-6	String [3]	Read [1]	GPI 1 UTF8	
1.6.4.8	root / gpio / triggers / t-7	String [3]	Read [1]	GPI 2 UTF8	
1.6.4.9	root / gpio / triggers / t-8	String [3]	Read [1]	GPI 3 UTF8	
1.6.4.10	root / gpio / triggers / t-9	String [3]	Read [1]	GPI 4 UTF8	
1.6.4.11	root / gpio / triggers / t-10	String [3]	Read [1]	GPI 5 UTF8	
1.6.4.12	root / gpio / triggers / t-11	String [3]	Read [1]	GPI 6 UTF8	
1.6.4.13	root / gpio / triggers / t-12	String [3]	Read [1]	GPI 7 UTF8	
1.6.4.14	root / gpio / triggers / t-13	String [3]	Read [1]	GPI 8 UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.6.4.15	root / gpio / triggers / t-14	String [3]	Read [1]	GPI 9 UTF8	
1.6.4.16	root / gpio / triggers / t-15	String [3]	Read [1]	GPI 10 UTF8	
1.6.4.17	root / gpio / triggers / t-16	String [3]	Read [1]	vGPI 1 UTF8	
1.6.4.18	root / gpio / triggers / t-17	String [3]	Read [1]	vGPI 2 UTF8	
1.6.4.19	root / gpio / triggers / t-18	String [3]	Read [1]	vGPI 3 UTF8	
1.6.4.20	root / gpio / triggers / t-19	String [3]	Read [1]	vGPI 4 UTF8	
1.6.4.21	root / gpio / triggers / t-20	String [3]	Read [1]	vGPI 5 UTF8	
1.6.4.22	root / gpio / triggers / t-21	String [3]	Read [1]	vGPI 6 UTF8	
1.6.4.23	root / gpio / triggers / t-22	String [3]	Read [1]	vGPI 7 UTF8	
1.6.4.24	root / gpio / triggers / t-23	String [3]	Read [1]	vGPI 8 UTF8	
1.6.4.25	root / gpio / triggers / t-24	String [3]	Read [1]	vGPI 9 UTF8	
1.6.4.26	root / gpio / triggers / t-25	String [3]	Read [1]	vGPI 10 UTF8	
1.6.4.27	root / gpio / triggers / t-26	String [3]	Read [1]	On Air UTF8	
1.6.4.28	root / gpio / triggers / t-27	String [3]	Read [1]	GPIO UTF8	
1.6.4.29	root / gpio / triggers / t-28	String [3]	Read [1]	Talkback A UTF8	
1.6.4.30	root / gpio / triggers / t-29	String [3]	Read [1]	Talkback B UTF8	
1.6.4.31	root / gpio / triggers / t-30	String [3]	Read [1]	Talkback C UTF8	
1.6.4.32	root / gpio / triggers / t-31	String [3]	Read [1]	Signal Present: Program UTF8	
1.6.4.33	root / gpio / triggers / t-32	String [3]	Read [1]	Signal Present: Talkback A UTF8	
1.6.4.34	root / gpio / triggers / t-33	String [3]	Read [1]	Signal Present: Talkback B UTF8	
1.6.4.35	root / gpio / triggers / t-34	String [3]	Read [1]	Signal Present: Talkback C UTF8	
1.6.4.36	root / gpio / triggers / t-35	String [3]	Read [1]	Signal Present: Mic/Line UTF8	
1.6.5.1	root / gpio / vgpio sources / v-0	String [3]	Read [1]	vGP04@AVN-CU2-Geoff UTF8	
1.6.5.2	root / gpio / vgpio sources / v-1	String [3]	Read [1]	vGP03@AVN-CU2-Geoff UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.6.5.3	root / gpio / vgpio sources / v-2	String [3]	Read [1]	vGP02@AVN-CU2-Geoff UTF8	
1.6.5.4	root / gpio / vgpio sources / v-3	String [3]	Read [1]	vGP01@AVN-CU2-Geoff UTF8	
1.6.5.5	root / gpio / vgpio sources / v-4	String [3]	Read [1]	vGP01@AVN-CU4-0138967 UTF8	
1.6.5.6	root / gpio / vgpio sources / v-5	String [3]	Read [1]	vGP04@RM-X-64-DNT- RavRack UTF8	

Functions

OID / Path	Name path	Description
1.2.1	root / system / reboot	Save configuration and reboot the unit

Matrices

None found.

Node index

OID / Path	Name path	Description
1	root	
1.1	root / identity	
1.2	root / system	
1.3	root / network	
1.3.3	root / network / br0	br0
1.4	root / frontpanel	
1.5	root / audio	
1.6	root / gpio	
1.6.1	root / gpio / physical	
1.6.1.1	root / gpio / physical / gpio 1	
1.6.1.2	root / gpio / physical / gpio 2	
1.6.1.3	root / gpio / physical / gpio 3	
1.6.1.4	root / gpio / physical / gpio 4	
1.6.1.5	root / gpio / physical / gpio 5	
1.6.1.6	root / gpio / physical / gpio 6	
1.6.1.7	root / gpio / physical / gpio 7	
1.6.1.8	root / gpio / physical / gpio 8	
1.6.1.9	root / gpio / physical / gpio 9	
1.6.1.10	root / gpio / physical / gpio 10	
1.6.1.11	root / gpio / physical / relay 1	
1.6.2	root / gpio / virtual	

OID / Path	Name path	Description
1.6.2.1	root / gpio / virtual / vgpio 1	
1.6.2.2	root / gpio / virtual / vgpio 2	
1.6.2.3	root / gpio / virtual / vgpio 3	
1.6.2.4	root / gpio / virtual / vgpio 4	
1.6.2.5	root / gpio / virtual / vgpio 5	
1.6.2.6	root / gpio / virtual / vgpio 6	
1.6.2.7	root / gpio / virtual / vgpio 7	
1.6.2.8	root / gpio / virtual / vgpio 8	
1.6.2.9	root / gpio / virtual / vgpio 9	
1.6.2.10	root / gpio / virtual / vgpio 10	
1.6.3	root / gpio / handlers	
1.6.4	root / gpio / triggers	
1.6.5	root / gpio / vgpio sources	