AVN-CU2-RAV Ember+ Reference

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418	1	1	114
Parameters	Functions	Matrices	Nodes

Parameters

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
`1.1.1`	root / identity / product	String [3]	Read [1]	`AVN-CU2-RAV` UTF8	
`1.1.2`	root / identity / company	String [3]	Read [1]	`Sonifex Ltd.` UTF8	
`1.1.3`	root / identity / serial	String [3]	Read [1]	`0155088` UTF8	
`1.1.4`	root / identity / version	String [3]	Read [1]	`D3.24.3095` UTF8	
`1.3.1`	root / network / friendly_name	String [3]	Read / Write [3]	`AVN-CU2-RAV-0155088` UTF8	
`1.3.2.1`	root / network / eth0 / mode	Integer [1]	Read / Write [3]	`1` INTEGER	Allowed values `0` = disabled `1` = static `2` = dynamic
`1.3.2.2`	root / network / eth0 / ip_address	String [3]	Read / Write [3]	`172.16.200.112` UTF8	
`1.3.2.3`	root / network / eth0 / netmask	String [3]	Read / Write [3]	`255.255.255.0` UTF8	
`1.3.2.4`	root / network / eth0 / gateway	String [3]	Read / Write [3]	`0.0.0.0` UTF8	
`1.3.2.5`	root / network / eth0 / mac_address	String [3]	Read [1]	`D0:A4:B1:00:53:4F` UTF8	
`1.4.1.1.0`	root / audio routing / labels / targets / t-0	String [3]	Read / Write [3]	`Main` UTF8	
`1.4.1.1.1`	root / audio routing / labels / targets / t-1	String [3]	Read / Write [3]	`T/B A` UTF8	
`1.4.1.1.2`	root / audio routing / labels / targets / t-2	String [3]	Read / Write [3]	`T/B B` UTF8	
`1.4.1.1.3`	root / audio routing / labels / targets / t-3	String [3]	Read / Write [3]	`T/B C` UTF8	
`1.4.1.1.4`	root / audio routing / labels / targets / t-4	String [3]	Read / Write [3]	`T/B D` UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.4.1.1.16	root / audio routing / labels / targets / t-16	String [3]	Read / Write [3]	Comm1 HP UTF8	
1.4.1.1.17	root / audio routing / labels / targets / t-17	String [3]	Read / Write [3]	Comm1 HP UTF8	
1.4.1.1.18	root / audio routing / labels / targets / t-18	String [3]	Read / Write [3]	Comm2 HP UTF8	
1.4.1.1.19	root / audio routing / labels / targets / t-19	String [3]	Read / Write [3]	Comm2 HP UTF8	
1.4.1.1.24	root / audio routing / labels / targets / t-24	String [3]	Read / Write [3]	ANA_OUT UTF8	
1.4.1.1.25	root / audio routing / labels / targets / t-25	String [3]	Read / Write [3]	ANA_OUT UTF8	
1.4.1.2.0	root / audio routing / labels / sources / s-0	String [3]	Read / Write [3]	Main UTF8	
1.4.1.2.1	root / audio routing / labels / sources / s-1	String [3]	Read / Write [3]	T/B A UTF8	
1.4.1.2.2	root / audio routing / labels / sources / s-2	String [3]	Read / Write [3]	T/B B UTF8	
1.4.1.2.3	root / audio routing / labels / sources / s-3	String [3]	Read / Write [3]	T/B C UTF8	
1.4.1.2.4	root / audio routing / labels / sources / s-4	String [3]	Read / Write [3]	T/B D UTF8	
1.4.1.2.16	root / audio routing / labels / sources / s-16	String [3]	Read / Write [3]	DIG IN UTF8	
1.4.1.2.17	root / audio routing / labels / sources / s-17	String [3]	Read / Write [3]	DIG IN UTF8	
1.4.1.2.22	root / audio routing / labels / sources / s-22	String [3]	Read / Write [3]	Comm1 UTF8	
1.4.1.2.23	root / audio routing / labels / sources / s-23	String [3]	Read / Write [3]	Comm2 UTF8	
1.4.1.2.26	root / audio routing / labels / sources / s-26	String [3]	Read / Write [3]	Tone Gen UTF8	
1.4.2.1.16 .1	root / audio routing / parameters / targets / t-16 / level (dB)	Integer [1]	Read / Write [3]	0 INTEGER	Range -80 to 10
1.4.2.1.16 .2	root / audio routing / parameters / targets / t-16 / mute	Boolean [4]	Read / Write [3]	False BOOLEAN	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.4.2.1.16.3	root / audio routing / parameters / targets / t-16 / pan	Integer [1]	Read / Write [3]	0 INTEGER	Range -12 to 12
1.4.2.1.16.4	root / audio routing / parameters / targets / t-16 / limiter threshold (dBFS)	Integer [1]	Read / Write [3]	0 INTEGER	Range -40 to 0
1.4.2.1.16.5	root / audio routing / parameters / targets / t-16 / headphone att. (dBFS)	Integer [1]	Read / Write [3]	6 INTEGER	Range 0 to 24
1.4.2.1.17.1	root / audio routing / parameters / targets / t-17 / level (dB)	Integer [1]	Read / Write [3]	0 INTEGER	Range -80 to 10
1.4.2.1.17.2	root / audio routing / parameters / targets / t-17 / mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.2.1.17.3	root / audio routing / parameters / targets / t-17 / pan	Integer [1]	Read / Write [3]	0 INTEGER	Range -12 to 12
1.4.2.1.17.4	root / audio routing / parameters / targets / t-17 / limiter threshold (dBFS)	Integer [1]	Read / Write [3]	0 INTEGER	Range -40 to 0
1.4.2.1.17.5	root / audio routing / parameters / targets / t-17 / headphone att. (dBFS)	Integer [1]	Read / Write [3]	6 INTEGER	Range 0 to 24
1.4.2.1.18.1	root / audio routing / parameters / targets / t-18 / level (dB)	Integer [1]	Read / Write [3]	0 INTEGER	Range -80 to 10
1.4.2.1.18.2	root / audio routing / parameters / targets / t-18 / mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.2.1.18.3	root / audio routing / parameters / targets / t-18 / pan	Integer [1]	Read / Write [3]	0 INTEGER	Range -12 to 12
1.4.2.1.18.4	root / audio routing / parameters / targets / t-18 / limiter threshold (dBFS)	Integer [1]	Read / Write [3]	0 INTEGER	Range -40 to 0
1.4.2.1.18.5	root / audio routing / parameters / targets / t-18 / headphone att. (dBFS)	Integer [1]	Read / Write [3]	6 INTEGER	Range 0 to 24
1.4.2.1.19.1	root / audio routing / parameters / targets / t-19 / level (dB)	Integer [1]	Read / Write [3]	0 INTEGER	Range -80 to 10
1.4.2.1.19.2	root / audio routing / parameters / targets / t-19 / mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.2.1.19.3	root / audio routing / parameters / targets / t-19 / pan	Integer [1]	Read / Write [3]	0 INTEGER	Range -12 to 12
1.4.2.1.19.4	root / audio routing / parameters / targets / t-19 / limiter threshold (dBFS)	Integer [1]	Read / Write [3]	0 INTEGER	Range -40 to 0
1.4.2.1.19.5	root / audio routing / parameters / targets / t-19 / headphone att. (dBFS)	Integer [1]	Read / Write [3]	6 INTEGER	Range 0 to 24

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.4.2.1.24.1	root / audio routing / parameters / targets / t-24 / level (dB)	Integer [1]	Read / Write [3]	0 INTEGER	Range -80 to 10
1.4.2.1.24.2	root / audio routing / parameters / targets / t-24 / mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.2.1.24.3	root / audio routing / parameters / targets / t-24 / pan	Integer [1]	Read / Write [3]	0 INTEGER	Range -12 to 12
1.4.2.1.24.4	root / audio routing / parameters / targets / t-24 / limiter threshold (dBFS)	Integer [1]	Read / Write [3]	0 INTEGER	Range -40 to 0
1.4.2.1.24.5	root / audio routing / parameters / targets / t-24 / line up	Integer [1]	Read / Write [3]	1 INTEGER	Range 0 to 4 Allowed values 0 = 0dBFS = +15dBu 1 = 0dBFS = +18dBu 2 = 0dBFS = +20dBu 3 = 0dBFS = +22dBu 4 = 0dBFS = +24dBu
1.4.2.1.25.1	root / audio routing / parameters / targets / t-25 / level (dB)	Integer [1]	Read / Write [3]	0 INTEGER	Range -80 to 10
1.4.2.1.25.2	root / audio routing / parameters / targets / t-25 / mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.2.1.25.3	root / audio routing / parameters / targets / t-25 / pan	Integer [1]	Read / Write [3]	0 INTEGER	Range -12 to 12
1.4.2.1.25.4	root / audio routing / parameters / targets / t-25 / limiter threshold (dBFS)	Integer [1]	Read / Write [3]	0 INTEGER	Range -40 to 0
1.4.2.1.25.5	root / audio routing / parameters / targets / t-25 / line up	Integer [1]	Read / Write [3]	1 INTEGER	Range 0 to 4 Allowed values 0 = 0dBFS = +15dBu 1 = 0dBFS = +18dBu 2 = 0dBFS = +20dBu 3 = 0dBFS = +22dBu 4 = 0dBFS = +24dBu
1.4.2.2.16.1	root / audio routing / parameters / sources / s-16 / level (dB)	Integer [1]	Read / Write [3]	0 INTEGER	Range -80 to 10
1.4.2.2.16.2	root / audio routing / parameters / sources / s-16 / mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.2.2.16.3	root / audio routing / parameters / sources / s-16 / bypass src	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.2.2.17.1	root / audio routing / parameters / sources / s-17 / level (dB)	Integer [1]	Read / Write [3]	0 INTEGER	Range -80 to 10
1.4.2.2.17.2	root / audio routing / parameters / sources / s-17 / mute	Boolean [4]	Read / Write [3]	False BOOLEAN	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.4.2.2.17.3	root / audio routing / parameters / sources / s-17 / bypass src	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.2.2.22.1	root / audio routing / parameters / sources / s-22 / level (dB)	Integer [1]	Read / Write [3]	0 INTEGER	Range -80 to 10
1.4.2.2.22.2	root / audio routing / parameters / sources / s-22 / mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.2.2.22.3	root / audio routing / parameters / sources / s-22 / line up	Integer [1]	Read / Write [3]	1 INTEGER	Range 0 to 4 Allowed values 0 = +15dBu = 0dBFS 1 = +18dBu = 0dBFS 2 = +20dBu = 0dBFS 3 = +22dBu = 0dBFS 4 = +24dBu = 0dBFS
1.4.2.2.22.4	root / audio routing / parameters / sources / s-22 / signal level	Integer [1]	Read / Write [3]	1 INTEGER	Range 0 to 1 Allowed values 0 = Mic 1 = Line
1.4.2.2.22.5	root / audio routing / parameters / sources / s-22 / phantom power	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.2.2.22.6	root / audio routing / parameters / sources / s-22 / preamp gain (dB)	Integer [1]	Read / Write [3]	40 INTEGER	Range 16 to 76
1.4.2.2.22.7	root / audio routing / parameters / sources / s-22 / HPF enable	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.2.2.22.8	root / audio routing / parameters / sources / s-22 / HPF frequency (Hz)	Integer [1]	Read / Write [3]	125 INTEGER	Range 40 to 3000
1.4.2.2.23.1	root / audio routing / parameters / sources / s-23 / level (dB)	Integer [1]	Read / Write [3]	0 INTEGER	Range -80 to 10
1.4.2.2.23.2	root / audio routing / parameters / sources / s-23 / mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.2.2.23.3	root / audio routing / parameters / sources / s-23 / line up	Integer [1]	Read / Write [3]	1 INTEGER	Range 0 to 4 Allowed values 0 = +15dBu = 0dBFS 1 = +18dBu = 0dBFS 2 = +20dBu = 0dBFS 3 = +22dBu = 0dBFS 4 = +24dBu = 0dBFS
1.4.2.2.23.4	root / audio routing / parameters / sources / s-23 / signal level	Integer [1]	Read / Write [3]	1 INTEGER	Range 0 to 1 Allowed values 0 = Mic 1 = Line
1.4.2.2.23.5	root / audio routing / parameters / sources / s-23 / phantom power	Boolean [4]	Read / Write [3]	False BOOLEAN	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.4.2.2.23.6	root / audio routing / parameters / sources / s-23 / preamp gain (dB)	Integer [1]	Read / Write [3]	40 INTEGER	Range 16 to 76
1.4.2.2.23.7	root / audio routing / parameters / sources / s-23 / HPF enable	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.2.2.23.8	root / audio routing / parameters / sources / s-23 / HPF frequency (Hz)	Integer [1]	Read / Write [3]	125 INTEGER	Range 40 to 3000
1.4.2.2.26.1	root / audio routing / parameters / sources / s-26 / level (dB)	Integer [1]	Read / Write [3]	0 INTEGER	Range -80 to 10
1.4.2.2.26.2	root / audio routing / parameters / sources / s-26 / mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.2.2.26.3	root / audio routing / parameters / sources / s-26 / frequency (Hz)	Integer [1]	Read / Write [3]	1000 INTEGER	Range 100 to 10000
1.4.2.3.16.0.1	root / audio routing / parameters / connections / t-16 / s-0 / mix level	Integer [1]	Read / Write [3]	0 INTEGER	Range -80 to 10
1.4.2.3.16.0.2	root / audio routing / parameters / connections / t-16 / s-0 / mix pan	Integer [1]	Read / Write [3]	0 INTEGER	Range -12 to 12
1.4.2.3.16.0.3	root / audio routing / parameters / connections / t-16 / s-0 / mix mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.2.3.16.16.1	root / audio routing / parameters / connections / t-16 / s-16 / mix level	Integer [1]	Read / Write [3]	0 INTEGER	Range -80 to 10
1.4.2.3.16.16.2	root / audio routing / parameters / connections / t-16 / s-16 / mix pan	Integer [1]	Read / Write [3]	0 INTEGER	Range -12 to 12
1.4.2.3.16.16.3	root / audio routing / parameters / connections / t-16 / s-16 / mix mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.2.3.17.0.1	root / audio routing / parameters / connections / t-17 / s-0 / mix level	Integer [1]	Read / Write [3]	0 INTEGER	Range -80 to 10
1.4.2.3.17.0.2	root / audio routing / parameters / connections / t-17 / s-0 / mix pan	Integer [1]	Read / Write [3]	0 INTEGER	Range -12 to 12
1.4.2.3.17.0.3	root / audio routing / parameters / connections / t-17 / s-0 / mix mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.2.3.17.17.1	root / audio routing / parameters / connections / t-17 / s-17 / mix level	Integer [1]	Read / Write [3]	0 INTEGER	Range -80 to 10
1.4.2.3.17.17.2	root / audio routing / parameters / connections / t-17 / s-17 / mix pan	Integer [1]	Read / Write [3]	0 INTEGER	Range -12 to 12
1.4.2.3.17.17.3	root / audio routing / parameters / connections / t-17 / s-17 / mix mute	Boolean [4]	Read / Write [3]	False BOOLEAN	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.4.2.3.24.26.1	root / audio routing / parameters / connections / t-24 / s-26 / mix level	Integer [1]	Read / Write [3]	0 INTEGER	Range -80 to 10
1.4.2.3.24.26.2	root / audio routing / parameters / connections / t-24 / s-26 / mix pan	Integer [1]	Read / Write [3]	0 INTEGER	Range -12 to 12
1.4.2.3.24.26.3	root / audio routing / parameters / connections / t-24 / s-26 / mix mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.4.2.3.25.26.1	root / audio routing / parameters / connections / t-25 / s-26 / mix level	Integer [1]	Read / Write [3]	0 INTEGER	Range -80 to 10
1.4.2.3.25.26.2	root / audio routing / parameters / connections / t-25 / s-26 / mix pan	Integer [1]	Read / Write [3]	0 INTEGER	Range -12 to 12
1.4.2.3.25.26.3	root / audio routing / parameters / connections / t-25 / s-26 / mix mute	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.1.1.1	root / gpio / physical / gpio 1 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.1.1.2	root / gpio / physical / gpio 1 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.1.3	root / gpio / physical / gpio 1 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.1.4	root / gpio / physical / gpio 1 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.1.5	root / gpio / physical / gpio 1 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.1.6	root / gpio / physical / gpio 1 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.1.2.1	root / gpio / physical / gpio 2 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.1.2.2	root / gpio / physical / gpio 2 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.2.3	root / gpio / physical / gpio 2 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.2.4	root / gpio / physical / gpio 2 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.2.5	root / gpio / physical / gpio 2 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.2.6	root / gpio / physical / gpio 2 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.5.1.3.1	root / gpio / physical / gpio 3 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.1.3.2	root / gpio / physical / gpio 3 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.3.3	root / gpio / physical / gpio 3 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.3.4	root / gpio / physical / gpio 3 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.3.5	root / gpio / physical / gpio 3 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.3.6	root / gpio / physical / gpio 3 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.1.4.1	root / gpio / physical / gpio 4 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.1.4.2	root / gpio / physical / gpio 4 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.4.3	root / gpio / physical / gpio 4 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.4.4	root / gpio / physical / gpio 4 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.4.5	root / gpio / physical / gpio 4 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.4.6	root / gpio / physical / gpio 4 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.1.5.1	root / gpio / physical / gpio 5 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.1.5.2	root / gpio / physical / gpio 5 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.5.3	root / gpio / physical / gpio 5 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.5.4	root / gpio / physical / gpio 5 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.5.5	root / gpio / physical / gpio 5 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.5.6	root / gpio / physical / gpio 5 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.5.1.6.1	root / gpio / physical / gpio 6 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.1.6.2	root / gpio / physical / gpio 6 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.6.3	root / gpio / physical / gpio 6 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.6.4	root / gpio / physical / gpio 6 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.6.5	root / gpio / physical / gpio 6 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.6.6	root / gpio / physical / gpio 6 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.1.7.1	root / gpio / physical / gpio 7 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.1.7.2	root / gpio / physical / gpio 7 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.7.3	root / gpio / physical / gpio 7 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.7.4	root / gpio / physical / gpio 7 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.7.5	root / gpio / physical / gpio 7 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.7.6	root / gpio / physical / gpio 7 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.1.8.1	root / gpio / physical / gpio 8 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.1.8.2	root / gpio / physical / gpio 8 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.8.3	root / gpio / physical / gpio 8 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.8.4	root / gpio / physical / gpio 8 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.8.5	root / gpio / physical / gpio 8 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.8.6	root / gpio / physical / gpio 8 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.5.1.9.1	root / gpio / physical / gpio 9 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.1.9.2	root / gpio / physical / gpio 9 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.9.3	root / gpio / physical / gpio 9 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.9.4	root / gpio / physical / gpio 9 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.9.5	root / gpio / physical / gpio 9 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.9.6	root / gpio / physical / gpio 9 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.1.10.1	root / gpio / physical / gpio 10 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.1.10.2	root / gpio / physical / gpio 10 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.10.3	root / gpio / physical / gpio 10 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.10.4	root / gpio / physical / gpio 10 / active triggers	String [3]	Read [1]	UTF8	
1.5.1.10.5	root / gpio / physical / gpio 10 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.10.6	root / gpio / physical / gpio 10 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.1.11.1	root / gpio / physical / cough 1 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input
1.5.1.11.2	root / gpio / physical / cough 1 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.1.11.3	root / gpio / physical / cough 1 / input mode	Integer [1]	Read [1]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.1.11.4	root / gpio / physical / cough 1 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.1.12.1	root / gpio / physical / relay 1 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.1.12.2	root / gpio / physical / relay 1 / active triggers	String [3]	Read [1]	UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.5.1.12.3	root / gpio / physical / relay 1 / status	Boolean [4]	Read [1]	False BOOLEAN	
1.5.2.1.1	root / gpio / virtual / vgpio 1 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.2.1.2	root / gpio / virtual / vgpio 1 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.2.1.3	root / gpio / virtual / vgpio 1 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.2.1.4	root / gpio / virtual / vgpio 1 / active triggers	String [3]	Read [1]	UTF8	
1.5.2.1.5	root / gpio / virtual / vgpio 1 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.5.2.1.6	root / gpio / virtual / vgpio 1 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.2.2.1	root / gpio / virtual / vgpio 2 / type	Integer [1]	Read / Write [3]	2 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.2.2.2	root / gpio / virtual / vgpio 2 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.2.2.3	root / gpio / virtual / vgpio 2 / output triggers	String [3]	Read / Write [3]	User Button 5 UTF8	
1.5.2.2.4	root / gpio / virtual / vgpio 2 / active triggers	String [3]	Read [1]	UTF8	
1.5.2.2.5	root / gpio / virtual / vgpio 2 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.5.2.2.6	root / gpio / virtual / vgpio 2 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.2.3.1	root / gpio / virtual / vgpio 3 / type	Integer [1]	Read / Write [3]	2 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.2.3.2	root / gpio / virtual / vgpio 3 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.2.3.3	root / gpio / virtual / vgpio 3 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.2.3.4	root / gpio / virtual / vgpio 3 / active triggers	String [3]	Read [1]	UTF8	
1.5.2.3.5	root / gpio / virtual / vgpio 3 / vgpio source	String [3]	Read / Write [3]	UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.5.2.3.6	root / gpio / virtual / vgpio 3 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.2.4.1	root / gpio / virtual / vgpio 4 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.2.4.2	root / gpio / virtual / vgpio 4 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.2.4.3	root / gpio / virtual / vgpio 4 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.2.4.4	root / gpio / virtual / vgpio 4 / active triggers	String [3]	Read [1]	UTF8	
1.5.2.4.5	root / gpio / virtual / vgpio 4 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.5.2.4.6	root / gpio / virtual / vgpio 4 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.2.5.1	root / gpio / virtual / vgpio 5 / type	Integer [1]	Read / Write [3]	2 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.2.5.2	root / gpio / virtual / vgpio 5 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.2.5.3	root / gpio / virtual / vgpio 5 / output triggers	String [3]	Read / Write [3]	User Button 5 UTF8	
1.5.2.5.4	root / gpio / virtual / vgpio 5 / active triggers	String [3]	Read [1]	UTF8	
1.5.2.5.5	root / gpio / virtual / vgpio 5 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.5.2.5.6	root / gpio / virtual / vgpio 5 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.2.6.1	root / gpio / virtual / vgpio 6 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.2.6.2	root / gpio / virtual / vgpio 6 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.2.6.3	root / gpio / virtual / vgpio 6 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.2.6.4	root / gpio / virtual / vgpio 6 / active triggers	String [3]	Read [1]	UTF8	
1.5.2.6.5	root / gpio / virtual / vgpio 6 / vgpio source	String [3]	Read / Write [3]	UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.5.2.6.6	root / gpio / virtual / vgpio 6 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.2.7.1	root / gpio / virtual / vgpio 7 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.2.7.2	root / gpio / virtual / vgpio 7 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.2.7.3	root / gpio / virtual / vgpio 7 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.2.7.4	root / gpio / virtual / vgpio 7 / active triggers	String [3]	Read [1]	UTF8	
1.5.2.7.5	root / gpio / virtual / vgpio 7 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.5.2.7.6	root / gpio / virtual / vgpio 7 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.2.8.1	root / gpio / virtual / vgpio 8 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.2.8.2	root / gpio / virtual / vgpio 8 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.2.8.3	root / gpio / virtual / vgpio 8 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.2.8.4	root / gpio / virtual / vgpio 8 / active triggers	String [3]	Read [1]	UTF8	
1.5.2.8.5	root / gpio / virtual / vgpio 8 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.5.2.8.6	root / gpio / virtual / vgpio 8 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.2.9.1	root / gpio / virtual / vgpio 9 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.2.9.2	root / gpio / virtual / vgpio 9 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.2.9.3	root / gpio / virtual / vgpio 9 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.2.9.4	root / gpio / virtual / vgpio 9 / active triggers	String [3]	Read [1]	UTF8	
1.5.2.9.5	root / gpio / virtual / vgpio 9 / vgpio source	String [3]	Read / Write [3]	UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.5.2.9.6	root / gpio / virtual / vgpio 9 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.2.10.1	root / gpio / virtual / vgpio 10 / type	Integer [1]	Read / Write [3]	2 INTEGER	Allowed values 0 = disabled 1 = input
1.5.2.10.2	root / gpio / virtual / vgpio 10 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.2.10.3	root / gpio / virtual / vgpio 10 / output triggers	String [3]	Read / Write [3]	User Button 5 UTF8	
1.5.2.10.4	root / gpio / virtual / vgpio 10 / active triggers	String [3]	Read [1]	UTF8	
1.5.2.10.5	root / gpio / virtual / vgpio 10 / vgpio source	String [3]	Read / Write [3]	UTF8	
1.5.2.10.6	root / gpio / virtual / vgpio 10 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.3.1.1	root / gpio / user buttons / button 1 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input
1.5.3.1.2	root / gpio / user buttons / button 1 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.3.1.3	root / gpio / user buttons / button 1 / input mode	Integer [1]	Read [1]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.3.1.4	root / gpio / user buttons / button 1 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.3.2.1	root / gpio / user buttons / led 1 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input
1.5.3.2.2	root / gpio / user buttons / led 1 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.3.2.3	root / gpio / user buttons / led 1 / active triggers	String [3]	Read [1]	UTF8	
1.5.3.2.4	root / gpio / user buttons / led 1 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.3.3.1	root / gpio / user buttons / button 2 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input
1.5.3.3.2	root / gpio / user buttons / button 2 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.3.3.3	root / gpio / user buttons / button 2 / input mode	Integer [1]	Read [1]	0 INTEGER	Allowed values 0 = latching 1 = momentary

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.5.3.3.4	root / gpio / user buttons / button 2 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.3.4.1	root / gpio / user buttons / led 2 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input
1.5.3.4.2	root / gpio / user buttons / led 2 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.3.4.3	root / gpio / user buttons / led 2 / active triggers	String [3]	Read [1]	UTF8	
1.5.3.4.4	root / gpio / user buttons / led 2 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.3.5.1	root / gpio / user buttons / button 3 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.3.5.2	root / gpio / user buttons / button 3 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.3.5.3	root / gpio / user buttons / button 3 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.3.5.4	root / gpio / user buttons / button 3 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.3.6.1	root / gpio / user buttons / led 3 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.3.6.2	root / gpio / user buttons / led 3 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.3.6.3	root / gpio / user buttons / led 3 / active triggers	String [3]	Read [1]	UTF8	
1.5.3.6.4	root / gpio / user buttons / led 3 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.3.7.1	root / gpio / user buttons / button 4 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.3.7.2	root / gpio / user buttons / button 4 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.3.7.3	root / gpio / user buttons / button 4 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.3.7.4	root / gpio / user buttons / button 4 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.3.8.1	root / gpio / user buttons / led 4 / type	Integer [1]	Read / Write	0 INTEGER	Allowed values 0 = disabled

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
			[3]		`1` = input `2` = output
`1.5.3.8.2`	root / gpio / user buttons / led 4 / output triggers	String [3]	Read / Write [3]	UTF8	
`1.5.3.8.3`	root / gpio / user buttons / led 4 / active triggers	String [3]	Read [1]	UTF8	
`1.5.3.8.4`	root / gpio / user buttons / led 4 / status	Boolean [4]	Read / Write [3]	`False` BOOLEAN	
`1.5.3.9.1`	root / gpio / user buttons / button 5 / type	Integer [1]	Read / Write [3]	`1` INTEGER	Allowed values `0` = disabled `1` = input `2` = output
`1.5.3.9.2`	root / gpio / user buttons / button 5 / input functions	String [3]	Read / Write [3]	UTF8	
`1.5.3.9.3`	root / gpio / user buttons / button 5 / input mode	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = latching `1` = momentary
`1.5.3.9.4`	root / gpio / user buttons / button 5 / status	Boolean [4]	Read / Write [3]	`False` BOOLEAN	
`1.5.3.10.1`	root / gpio / user buttons / led 5 / type	Integer [1]	Read / Write [3]	`2` INTEGER	Allowed values `0` = disabled `1` = input `2` = output
`1.5.3.10.2`	root / gpio / user buttons / led 5 / output triggers	String [3]	Read / Write [3]	`User Button 5` UTF8	
`1.5.3.10.3`	root / gpio / user buttons / led 5 / active triggers	String [3]	Read [1]	UTF8	
`1.5.3.10.4`	root / gpio / user buttons / led 5 / status	Boolean [4]	Read / Write [3]	`False` BOOLEAN	
`1.5.3.11.1`	root / gpio / user buttons / button 6 / type	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = disabled `1` = input `2` = output
`1.5.3.11.2`	root / gpio / user buttons / button 6 / input functions	String [3]	Read / Write [3]	UTF8	
`1.5.3.11.3`	root / gpio / user buttons / button 6 / input mode	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = latching `1` = momentary
`1.5.3.11.4`	root / gpio / user buttons / button 6 / status	Boolean [4]	Read / Write [3]	`False` BOOLEAN	
`1.5.3.12.1`	root / gpio / user buttons / led 6 / type	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = disabled `1` = input `2` = output
`1.5.3.12.2`	root / gpio / user buttons / led 6 / output triggers	String [3]	Read / Write	UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
			[3]		
`1.5.3.12.3`	root / gpio / user buttons / led 6 / active triggers	String [3]	Read [1]	UTF8	
`1.5.3.12.4`	root / gpio / user buttons / led 6 / status	Boolean [4]	Read / Write [3]	`False` BOOLEAN	
`1.5.3.13.1`	root / gpio / user buttons / button 7 / type	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = disabled `1` = input `2` = output
`1.5.3.13.2`	root / gpio / user buttons / button 7 / input functions	String [3]	Read / Write [3]	UTF8	
`1.5.3.13.3`	root / gpio / user buttons / button 7 / input mode	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = latching `1` = momentary
`1.5.3.13.4`	root / gpio / user buttons / button 7 / status	Boolean [4]	Read / Write [3]	`False` BOOLEAN	
`1.5.3.14.1`	root / gpio / user buttons / led 7 / type	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = disabled `1` = input `2` = output
`1.5.3.14.2`	root / gpio / user buttons / led 7 / output triggers	String [3]	Read / Write [3]	UTF8	
`1.5.3.14.3`	root / gpio / user buttons / led 7 / active triggers	String [3]	Read [1]	UTF8	
`1.5.3.14.4`	root / gpio / user buttons / led 7 / status	Boolean [4]	Read / Write [3]	`False` BOOLEAN	
`1.5.3.15.1`	root / gpio / user buttons / button 8 / type	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = disabled `1` = input `2` = output
`1.5.3.15.2`	root / gpio / user buttons / button 8 / input functions	String [3]	Read / Write [3]	UTF8	
`1.5.3.15.3`	root / gpio / user buttons / button 8 / input mode	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = latching `1` = momentary
`1.5.3.15.4`	root / gpio / user buttons / button 8 / status	Boolean [4]	Read / Write [3]	`False` BOOLEAN	
`1.5.3.16.1`	root / gpio / user buttons / led 8 / type	Integer [1]	Read / Write [3]	`0` INTEGER	Allowed values `0` = disabled `1` = input `2` = output
`1.5.3.16.2`	root / gpio / user buttons / led 8 / output triggers	String [3]	Read / Write [3]	UTF8	
`1.5.3.16.3`	root / gpio / user buttons / led 8 / active triggers	String [3]	Read [1]	UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.5.3.16.4	root / gpio / user buttons / led 8 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.3.17.1	root / gpio / user buttons / button 9 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.3.17.2	root / gpio / user buttons / button 9 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.3.17.3	root / gpio / user buttons / button 9 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.3.17.4	root / gpio / user buttons / button 9 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.3.18.1	root / gpio / user buttons / led 9 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.3.18.2	root / gpio / user buttons / led 9 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.3.18.3	root / gpio / user buttons / led 9 / active triggers	String [3]	Read [1]	UTF8	
1.5.3.18.4	root / gpio / user buttons / led 9 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.3.19.1	root / gpio / user buttons / button 10 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.3.19.2	root / gpio / user buttons / button 10 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.3.19.3	root / gpio / user buttons / button 10 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.3.19.4	root / gpio / user buttons / button 10 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.3.20.1	root / gpio / user buttons / led 10 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.3.20.2	root / gpio / user buttons / led 10 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.3.20.3	root / gpio / user buttons / led 10 / active triggers	String [3]	Read [1]	UTF8	
1.5.3.20.4	root / gpio / user buttons / led 10 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.5.3.21.1	root / gpio / user buttons / button 11 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.3.21.2	root / gpio / user buttons / button 11 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.3.21.3	root / gpio / user buttons / button 11 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.3.21.4	root / gpio / user buttons / button 11 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.3.22.1	root / gpio / user buttons / led 11 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.3.22.2	root / gpio / user buttons / led 11 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.3.22.3	root / gpio / user buttons / led 11 / active triggers	String [3]	Read [1]	UTF8	
1.5.3.22.4	root / gpio / user buttons / led 11 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.3.23.1	root / gpio / user buttons / button 12 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.3.23.2	root / gpio / user buttons / button 12 / input functions	String [3]	Read / Write [3]	UTF8	
1.5.3.23.3	root / gpio / user buttons / button 12 / input mode	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = latching 1 = momentary
1.5.3.23.4	root / gpio / user buttons / button 12 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.3.24.1	root / gpio / user buttons / led 12 / type	Integer [1]	Read / Write [3]	0 INTEGER	Allowed values 0 = disabled 1 = input 2 = output
1.5.3.24.2	root / gpio / user buttons / led 12 / output triggers	String [3]	Read / Write [3]	UTF8	
1.5.3.24.3	root / gpio / user buttons / led 12 / active triggers	String [3]	Read [1]	UTF8	
1.5.3.24.4	root / gpio / user buttons / led 12 / status	Boolean [4]	Read / Write [3]	False BOOLEAN	
1.5.4.1	root / gpio / handlers / h-0	String [3]	Read [1]	On Air 1 UTF8	
1.5.4.2	root / gpio / handlers / h-1	String [3]	Read [1]	Cough 1 UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.5.4.3	root / gpio / handlers / h-2	String [3]	Read [1]	T/B 1 A UTF8	
1.5.4.4	root / gpio / handlers / h-3	String [3]	Read [1]	T/B Notify 1 A UTF8	
1.5.4.5	root / gpio / handlers / h-4	String [3]	Read [1]	T/B 1 B UTF8	
1.5.4.6	root / gpio / handlers / h-5	String [3]	Read [1]	T/B Notify 1 B UTF8	
1.5.4.7	root / gpio / handlers / h-6	String [3]	Read [1]	T/B 1 C UTF8	
1.5.4.8	root / gpio / handlers / h-7	String [3]	Read [1]	T/B Notify 1 C UTF8	
1.5.4.9	root / gpio / handlers / h-8	String [3]	Read [1]	T/B 1 D UTF8	
1.5.4.10	root / gpio / handlers / h-9	String [3]	Read [1]	T/B Notify 1 D UTF8	
1.5.4.11	root / gpio / handlers / h-10	String [3]	Read [1]	On Air 2 UTF8	
1.5.4.12	root / gpio / handlers / h-11	String [3]	Read [1]	Cough 2 UTF8	
1.5.4.13	root / gpio / handlers / h-12	String [3]	Read [1]	T/B 2 A UTF8	
1.5.4.14	root / gpio / handlers / h-13	String [3]	Read [1]	T/B Notify 2 A UTF8	
1.5.4.15	root / gpio / handlers / h-14	String [3]	Read [1]	T/B 2 B UTF8	
1.5.4.16	root / gpio / handlers / h-15	String [3]	Read [1]	T/B Notify 2 B UTF8	
1.5.4.17	root / gpio / handlers / h-16	String [3]	Read [1]	T/B 2 C UTF8	
1.5.4.18	root / gpio / handlers / h-17	String [3]	Read [1]	T/B Notify 2 C UTF8	
1.5.4.19	root / gpio / handlers / h-18	String [3]	Read [1]	T/B 2 D UTF8	
1.5.4.20	root / gpio / handlers / h-19	String [3]	Read [1]	T/B Notify 2 D UTF8	
1.5.4.21	root / gpio / handlers / h-20	String [3]	Read [1]	Duck Comm1 HP UTF8	
1.5.4.22	root / gpio / handlers / h-21	String [3]	Read [1]	Duck Comm2 HP UTF8	
1.5.4.23	root / gpio / handlers / h-22	String [3]	Read [1]	Mute Comm Input: Comm1 UTF8	
1.5.4.24	root / gpio / handlers / h-23	String [3]	Read [1]	Mute Comm Input: Comm2 UTF8	
1.5.4.25	root / gpio / handlers / h-24	String [3]	Read [1]	Mute Phys Input: DIG IN UTF8	
1.5.4.26	root / gpio / handlers / h-25	String [3]	Read [1]	Mute Tone Input: Tone Gen UTF8	
1.5.4.27	root / gpio / handlers / h-26	String [3]	Read [1]	Mute Comm Output: Comm1 HP	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
				UTF8	
1.5.4.28	root / gpio / handlers / h-27	String [3]	Read [1]	Mute Comm Output: Comm2 HP UTF8	
1.5.4.29	root / gpio / handlers / h-28	String [3]	Read [1]	Mute Phys Output: ANA_OUT UTF8	
1.5.5.1	root / gpio / triggers / t-0	String [3]	Read [1]	Primary Link Down UTF8	
1.5.5.2	root / gpio / triggers / t-1	String [3]	Read [1]	Secondary Link Down UTF8	
1.5.5.3	root / gpio / triggers / t-2	String [3]	Read [1]	AC Power Off UTF8	
1.5.5.4	root / gpio / triggers / t-3	String [3]	Read [1]	DC Power Off UTF8	
1.5.5.5	root / gpio / triggers / t-4	String [3]	Read [1]	POE1 Power Off UTF8	
1.5.5.6	root / gpio / triggers / t-5	String [3]	Read [1]	POE2 Power Off UTF8	
1.5.5.7	root / gpio / triggers / t-6	String [3]	Read [1]	PTP Sync Lost UTF8	
1.5.5.8	root / gpio / triggers / t-7	String [3]	Read [1]	GPI 1 UTF8	
1.5.5.9	root / gpio / triggers / t-8	String [3]	Read [1]	GPI 2 UTF8	
1.5.5.10	root / gpio / triggers / t-9	String [3]	Read [1]	GPI 3 UTF8	
1.5.5.11	root / gpio / triggers / t-10	String [3]	Read [1]	GPI 4 UTF8	
1.5.5.12	root / gpio / triggers / t-11	String [3]	Read [1]	GPI 5 UTF8	
1.5.5.13	root / gpio / triggers / t-12	String [3]	Read [1]	GPI 6 UTF8	
1.5.5.14	root / gpio / triggers / t-13	String [3]	Read [1]	GPI 7 UTF8	
1.5.5.15	root / gpio / triggers / t-14	String [3]	Read [1]	GPI 8 UTF8	
1.5.5.16	root / gpio / triggers / t-15	String [3]	Read [1]	GPI 9 UTF8	
1.5.5.17	root / gpio / triggers / t-16	String [3]	Read [1]	GPI 10 UTF8	
1.5.5.18	root / gpio / triggers / t-17	String [3]	Read [1]	COUGH 1 UTF8	
1.5.5.19	root / gpio / triggers / t-18	String [3]	Read [1]	vGPI 1 UTF8	
1.5.5.20	root / gpio / triggers / t-19	String [3]	Read [1]	vGPI 2 UTF8	
1.5.5.21	root / gpio / triggers / t-20	String [3]	Read [1]	vGPI 3 UTF8	
1.5.5.22	root / gpio / triggers / t-21	String [3]	Read [1]	vGPI 4 UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.5.5.23	root / gpio / triggers / t-22	String [3]	Read [1]	vGPI 5 UTF8	
1.5.5.24	root / gpio / triggers / t-23	String [3]	Read [1]	vGPI 6 UTF8	
1.5.5.25	root / gpio / triggers / t-24	String [3]	Read [1]	vGPI 7 UTF8	
1.5.5.26	root / gpio / triggers / t-25	String [3]	Read [1]	vGPI 8 UTF8	
1.5.5.27	root / gpio / triggers / t-26	String [3]	Read [1]	vGPI 9 UTF8	
1.5.5.28	root / gpio / triggers / t-27	String [3]	Read [1]	vGPI 10 UTF8	
1.5.5.29	root / gpio / triggers / t-28	String [3]	Read [1]	User Button 1 UTF8	
1.5.5.30	root / gpio / triggers / t-29	String [3]	Read [1]	User Button 2 UTF8	
1.5.5.31	root / gpio / triggers / t-30	String [3]	Read [1]	User Button 3 UTF8	
1.5.5.32	root / gpio / triggers / t-31	String [3]	Read [1]	User Button 4 UTF8	
1.5.5.33	root / gpio / triggers / t-32	String [3]	Read [1]	User Button 5 UTF8	
1.5.5.34	root / gpio / triggers / t-33	String [3]	Read [1]	User Button 6 UTF8	
1.5.5.35	root / gpio / triggers / t-34	String [3]	Read [1]	User Button 7 UTF8	
1.5.5.36	root / gpio / triggers / t-35	String [3]	Read [1]	User Button 8 UTF8	
1.5.5.37	root / gpio / triggers / t-36	String [3]	Read [1]	User Button 9 UTF8	
1.5.5.38	root / gpio / triggers / t-37	String [3]	Read [1]	User Button 10 UTF8	
1.5.5.39	root / gpio / triggers / t-38	String [3]	Read [1]	User Button 11 UTF8	
1.5.5.40	root / gpio / triggers / t-39	String [3]	Read [1]	User Button 12 UTF8	
1.5.5.41	root / gpio / triggers / t-40	String [3]	Read [1]	On Air 1 UTF8	
1.5.5.42	root / gpio / triggers / t-41	String [3]	Read [1]	Cough 1 UTF8	
1.5.5.43	root / gpio / triggers / t-42	String [3]	Read [1]	T/B 1 A UTF8	
1.5.5.44	root / gpio / triggers / t-43	String [3]	Read [1]	T/B 1 B UTF8	
1.5.5.45	root / gpio / triggers / t-44	String [3]	Read [1]	T/B 1 C UTF8	
1.5.5.46	root / gpio / triggers / t-45	String [3]	Read [1]	T/B 1 D UTF8	
1.5.5.47	root / gpio / triggers / t-46	String [3]	Read [1]	On Air 2 UTF8	

OID / Path	Name path	Type	Access	Example value	Range / Enumeration
1.5.5.48	root / gpio / triggers / t-47	String [3]	Read [1]	Cough 2 UTF8	
1.5.5.49	root / gpio / triggers / t-48	String [3]	Read [1]	T/B 2 A UTF8	
1.5.5.50	root / gpio / triggers / t-49	String [3]	Read [1]	T/B 2 B UTF8	
1.5.5.51	root / gpio / triggers / t-50	String [3]	Read [1]	T/B 2 C UTF8	
1.5.5.52	root / gpio / triggers / t-51	String [3]	Read [1]	T/B 2 D UTF8	
1.5.5.53	root / gpio / triggers / t-52	String [3]	Read [1]	Signal Present: Main UTF8	
1.5.5.54	root / gpio / triggers / t-53	String [3]	Read [1]	Signal Present: T/B A UTF8	
1.5.5.55	root / gpio / triggers / t-54	String [3]	Read [1]	Signal Present: T/B B UTF8	
1.5.5.56	root / gpio / triggers / t-55	String [3]	Read [1]	Signal Present: T/B C UTF8	
1.5.5.57	root / gpio / triggers / t-56	String [3]	Read [1]	Signal Present: T/B D UTF8	
1.5.5.58	root / gpio / triggers / t-57	String [3]	Read [1]	Signal Present: Comm 1 UTF8	
1.5.5.59	root / gpio / triggers / t-58	String [3]	Read [1]	Signal Present: Comm 2 UTF8	
1.5.5.60	root / gpio / triggers / t-59	String [3]	Read [1]	Signal Present: DIG IN UTF8	
1.5.6.1	root / gpio / vgpio sources / v-0	String [3]	Read [1]	vGPO1@AVN-CU4-RAV-0151376 UTF8	
1.5.6.2	root / gpio / vgpio sources / v-1	String [3]	Read [1]	vGPO2@AVN-CU4-RAV-0151376 UTF8	

Functions

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

Matrices

OID / Path	Name path	Targets	Sources	Addressing	Parameters location	Labels	Description
1.4.3	root / audio routing / matrix	11	10	1	1.4.2 RELATIVE-OID	Primary: 1.4.1	Matrix to store audio connection info

Node index

OID / Path	Name path	Description
1	root	
1.1	root / identity	
1.2	root / system	
1.3	root / network	
1.3.2	root / network / eth0	eth0
1.4	root / audio routing	
1.4.1	root / audio routing / labels	
1.4.1.1	root / audio routing / labels / targets	
1.4.1.2	root / audio routing / labels / sources	
1.4.2	root / audio routing / parameters	
1.4.2.1	root / audio routing / parameters / targets	
1.4.2.1.0	root / audio routing / parameters / targets / t-0	
1.4.2.1.1	root / audio routing / parameters / targets / t-1	
1.4.2.1.2	root / audio routing / parameters / targets / t-2	
1.4.2.1.3	root / audio routing / parameters / targets / t-3	
1.4.2.1.4	root / audio routing / parameters / targets / t-4	
1.4.2.1.16	root / audio routing / parameters / targets / t-16	
1.4.2.1.17	root / audio routing / parameters / targets / t-17	
1.4.2.1.18	root / audio routing / parameters / targets / t-18	
1.4.2.1.19	root / audio routing / parameters / targets / t-19	
1.4.2.1.24	root / audio routing / parameters / targets / t-24	
1.4.2.1.25	root / audio routing / parameters / targets / t-25	
1.4.2.2	root / audio routing / parameters / sources	
1.4.2.2.0	root / audio routing / parameters / sources / s-0	
1.4.2.2.1	root / audio routing / parameters / sources / s-1	
1.4.2.2.2	root / audio routing / parameters / sources / s-2	
1.4.2.2.3	root / audio routing / parameters / sources / s-3	
1.4.2.2.4	root / audio routing / parameters / sources / s-4	
1.4.2.2.16	root / audio routing / parameters / sources / s-16	
1.4.2.2.17	root / audio routing / parameters / sources / s-17	
1.4.2.2.22	root / audio routing / parameters / sources / s-22	
1.4.2.2.23	root / audio routing / parameters / sources / s-23	
1.4.2.2.26	root / audio routing / parameters / sources / s-26	
1.4.2.3	root / audio routing / parameters / connections	

OID / Path	Name path	Description
1.4.2.3.0	root / audio routing / parameters / connections / t-0	
1.4.2.3.0.22	root / audio routing / parameters / connections / t-0 / s-22	
1.4.2.3.0.23	root / audio routing / parameters / connections / t-0 / s-23	
1.4.2.3.1	root / audio routing / parameters / connections / t-1	
1.4.2.3.1.22	root / audio routing / parameters / connections / t-1 / s-22	
1.4.2.3.1.23	root / audio routing / parameters / connections / t-1 / s-23	
1.4.2.3.2	root / audio routing / parameters / connections / t-2	
1.4.2.3.2.22	root / audio routing / parameters / connections / t-2 / s-22	
1.4.2.3.2.23	root / audio routing / parameters / connections / t-2 / s-23	
1.4.2.3.3	root / audio routing / parameters / connections / t-3	
1.4.2.3.3.22	root / audio routing / parameters / connections / t-3 / s-22	
1.4.2.3.3.23	root / audio routing / parameters / connections / t-3 / s-23	
1.4.2.3.4	root / audio routing / parameters / connections / t-4	
1.4.2.3.4.22	root / audio routing / parameters / connections / t-4 / s-22	
1.4.2.3.4.23	root / audio routing / parameters / connections / t-4 / s-23	
1.4.2.3.16	root / audio routing / parameters / connections / t-16	
1.4.2.3.16.0	root / audio routing / parameters / connections / t-16 / s-0	
1.4.2.3.16.16	root / audio routing / parameters / connections / t-16 / s-16	
1.4.2.3.17	root / audio routing / parameters / connections / t-17	
1.4.2.3.17.0	root / audio routing / parameters / connections / t-17 / s-0	
1.4.2.3.17.17	root / audio routing / parameters / connections / t-17 / s-17	
1.4.2.3.18	root / audio routing / parameters / connections / t-18	
1.4.2.3.19	root / audio routing / parameters / connections / t-19	
1.4.2.3.24	root / audio routing / parameters / connections / t-24	
1.4.2.3.24.26	root / audio routing / parameters / connections / t-24 / s-26	

OID / Path	Name path	Description
1.4.2.3.25	root / audio routing / parameters / connections / t-25	
1.4.2.3.25.26	root / audio routing / parameters / connections / t-25 / s-26	
1.5	root / gpio	
1.5.1	root / gpio / physical	
1.5.1.1	root / gpio / physical / gpio 1	
1.5.1.2	root / gpio / physical / gpio 2	
1.5.1.3	root / gpio / physical / gpio 3	
1.5.1.4	root / gpio / physical / gpio 4	
1.5.1.5	root / gpio / physical / gpio 5	
1.5.1.6	root / gpio / physical / gpio 6	
1.5.1.7	root / gpio / physical / gpio 7	
1.5.1.8	root / gpio / physical / gpio 8	
1.5.1.9	root / gpio / physical / gpio 9	
1.5.1.10	root / gpio / physical / gpio 10	
1.5.1.11	root / gpio / physical / cough 1	
1.5.1.12	root / gpio / physical / relay 1	
1.5.2	root / gpio / virtual	
1.5.2.1	root / gpio / virtual / vgpio 1	
1.5.2.2	root / gpio / virtual / vgpio 2	
1.5.2.3	root / gpio / virtual / vgpio 3	
1.5.2.4	root / gpio / virtual / vgpio 4	
1.5.2.5	root / gpio / virtual / vgpio 5	
1.5.2.6	root / gpio / virtual / vgpio 6	
1.5.2.7	root / gpio / virtual / vgpio 7	
1.5.2.8	root / gpio / virtual / vgpio 8	
1.5.2.9	root / gpio / virtual / vgpio 9	
1.5.2.10	root / gpio / virtual / vgpio 10	
1.5.3	root / gpio / user buttons	
1.5.3.1	root / gpio / user buttons / button 1	
1.5.3.2	root / gpio / user buttons / led 1	
1.5.3.3	root / gpio / user buttons / button 2	
1.5.3.4	root / gpio / user buttons / led 2	
1.5.3.5	root / gpio / user buttons / button 3	
1.5.3.6	root / gpio / user buttons / led 3	
1.5.3.7	root / gpio / user buttons / button 4	
1.5.3.8	root / gpio / user buttons / led 4	
1.5.3.9	root / gpio / user buttons / button 5	
1.5.3.10	root / gpio / user buttons / led 5	
1.5.3.11	root / gpio / user buttons / button 6	
1.5.3.12	root / gpio / user buttons / led 6	

OID / Path	Name path	Description
1.5.3.13	root / gpio / user buttons / button 7	
1.5.3.14	root / gpio / user buttons / led 7	
1.5.3.15	root / gpio / user buttons / button 8	
1.5.3.16	root / gpio / user buttons / led 8	
1.5.3.17	root / gpio / user buttons / button 9	
1.5.3.18	root / gpio / user buttons / led 9	
1.5.3.19	root / gpio / user buttons / button 10	
1.5.3.20	root / gpio / user buttons / led 10	
1.5.3.21	root / gpio / user buttons / button 11	
1.5.3.22	root / gpio / user buttons / led 11	
1.5.3.23	root / gpio / user buttons / button 12	
1.5.3.24	root / gpio / user buttons / led 12	
1.5.4	root / gpio / handlers	
1.5.5	root / gpio / triggers	
1.5.6	root / gpio / vgpio sources	

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