



HSL-331QS+

INTERCOM TERMINAL HSL-331QS+

PRODUCT CODE 51859

FEATURES

- IP audio intercom terminal
- Standard PoE powered (IEEE 802.3af)
- Two configurable relays that can control lights, gate/door access etc.
- Tamper detection and attempted device removal notification
- Automated testing of speaker and microphone
- Single call button
- Automated self testing button allows for the testing of the push button mechanism, acoustics and data comms remotely
- Anti-ligature speaker design to prevent self harm in security environments
- Results of all diagnostic tests are logged and recorded
- Water and vandal resistant

SPECIFICATIONS

Speaker	1 x 4 Ω , 3 W RMS (power rating)
Speaker Amplifier	50 Hz - 7 kHz (output circuit frequency response -3 dB), 2.5 W
Max. Acoustic Output	85 dB SPL @ 1 m (3.28 ft), 0 dBFS 1 kHz (non-clipped) sine wave signal
Speaker Hole Size	193 holes x 1.6 mm (0.06 in) diameters, anti-ligature design
Microphone	Electret condenser, omnidirectional, sensitivity -56 dB 50 Hz - 7 kHz (input circuit frequency response ± 3 dB mic)
Microphone Hole Size	1 hole x 2.5 mm (0.1 in) diameter
Audio Streaming Bandwidth	128 kb/s one way, 256 kb/s both ways
Control Buttons	1 x stainless steel mechanical self testing button, 19 mm (0.75 in)
Auxiliary Functions	Relay contacts (2 x NO/NC), 30 V d.c./2 A Tamper detection and attempted device removal notification Single self testing button: report server may auto test and generate reports for these buttons and speaker/mic functionality
Power Input	IEEE 802.3af Power over Ethernet (PoE) (cannot be locally powered)
Power Consumption	4.5 W max. (1.6 W standby) PoE Class 2 (3.84-6.49) W
Operating Temperature	(0 - 55) $^{\circ}\text{C}$ (32 - 131) $^{\circ}\text{F}$
Operating Humidity	(10 - 95) % relative humidity (non-condensing)
Cabling	4 pair UTP CAT-5/6, multi-strand, 24 AWG, max. 100 m
Dimensions (WxHxD)	100 mm x 300 mm x 60mm (4 in x 12 in x 2.36 in)
Weight	0.7 kg (1.54 lb)
Material	316 stainless steel (2 mm / 0.08 in)
Finishes	Linish
Environment	Indoor and outdoor
Vandal Resistant	Yes; strong front panel, speaker and microphone aperture vandal protected
Mounting Options	Into panel cut-outs
Mounting Holes	6 holes x 4.5 mm (0.18 in) diameter
Fixings	Rivets (by others)