



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

<b>Speaker</b>	1 x 4 Ω, 3 W RMS (power rating)
<b>Speaker Amplifier</b>	50 Hz - 7 kHz (output circuit frequency response -3 dB), 2.5 W
<b>Max. Acoustic Output</b>	85 dB SPL @ 1 m (3.28 ft), 0 dBFS 1 kHz (non-clipped) sine wave signal
<b>Speaker Hole Size</b>	193 holes x 1.6 mm (0.06 in) diameters, anti-ligature design
<b>Microphone</b>	Electret condenser, omnidirectional, sensitivity -56 dB 50 Hz - 7 kHz (input circuit frequency response ±3 dB mic)
<b>Microphone Hole Size</b>	1 hole x 2.5 mm (0.1 in) diameter
<b>Audio Streaming Bandwidth</b>	128 kb/s one way, 256 kb/s both ways
<b>Control Buttons</b>	1 x stainless steel mechanical self testing button, 19 mm (0.75 in)
<b>Auxiliary Functions</b>	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
<b>Power Input</b>	IEEE 802.3af Power over Ethernet (PoE) (cannot be locally powered)
<b>Power Consumption</b>	4.5 W max. (1.6 W standby) PoE Class 2 (3.84-6.49) W
<b>Operating Temperature</b>	(0 - 55) °C (32 - 131) °F
<b>Operating Humidity</b>	(10 - 95) % relative humidity (non-condensing)
<b>Cabling</b>	4 pair UTP CAT-5/6, multi-strand, 24 AWG, max. 100 m
<b>Dimensions (WxHxD)</b>	100 mm x 300 mm x 60mm (4 in x 12 in x 2.36 in)
<b>Weight</b>	0.7 kg (1.54 lb)
<b>Material</b>	316 stainless steel (2 mm / 0.08 in)
<b>Finishes</b>	Linish
<b>Environment</b>	Indoor and outdoor
<b>Vandal Resistant</b>	Yes; strong front panel, speaker and microphone aperture vandal protected
<b>Mounting Options</b>	Into panel cut-outs
<b>Mounting Holes</b>	6 holes x 5 mm (0.2 in) diameter
<b>Fixings</b>	6 x M4 security screws, rivets (by others)