HELP POINT UNIT

HPU-4D10 | 52250

Features

- 4th generation IP help point unit
- Powered via IEEE 802.3af PoE
- Edge processing for intelligent data transmission
- Highly visible, solid, vandal resistant unit, designed with public safety in mind
- Bi-directional audio transmission with echo cancellation capabilities
- Anti-ligature speaker design to prevent self harm in security environments
- Simple one button operation for emergency calling
- One-touch operation with hands-free communication, once call is established
- Tamper detection and attempted device removal notification
- Automated testing of speaker and microphone
- Vandal and water resistant piezo electric call button
- Anti-graffiti coating to protect against vandalism
- Supports two configurable relays while using attachment JEX-4001

Specifications

Audio Characteristics

Speaker	1 x 4 Ω
Speaker Amplifier	2.5 W, 72 Hz – 15.4 kHz (output circuit frequency response -3 dB)
Max. Acoustic Output	87 dBSPL ± 3 dB @ 1 m (3.28 ft), 0 dBFS 1 kHz (non-clipped) sine wave signal*
Speaker Hole Size	193 holes x 1.6 mm (0.05 in) diameter, anti-ligature design
Microphone	Digital MEMS Microphone
Microphone Hole Size	6 holes x 1.6 mm (0.06 in) diameter Equi-spaced on 6 mm (0.24 in) PCD
Digital MEMS Mic Sensitivity	-26 dB ±1 dB @ 94 dB SPL
Digital MEMS Mic Frequency response (-3dB)	100 Hz - 10 kHz
Audio Codecs	Opus, G.711 A-law, G.711 µ-law , G.722, Jacques PCM
Control Buttons	1 x piezo switch 28 mm (1.10 in)
Auxiliary Functions	Tamper detection and attempted device removal notification Automated testing of speaker and microphone(ATSM)

General

Power Input	IEEE 802.3af Class 0 Power over Ethernet (PoE) (cannot be locally powered) (44 – 57) V d.c. from PSE
Power Consumption	12 W max. (2.9 W standby)
Operating Temperature	(-20 - 70)°C (-4 - 158)°F
Storage Temperature	-40°C to 85°C (-40°F to 185 °F)
Operating Humidity	(10 – 95) % non-condensing
Dimensions (WxHxD)	320 mm x 420 mm x 120 mm (12.59 in x 16.53 in x 4.72 in)
Weight	7.8 kg (17.19 lb)
Material	Front shell: 5 mm (0.19 in) die cast aluminium Front control panel: 316 type stainless steel (2 mm / 0.08 in) Back: 316 type stainless steel (3 mm / 0.12 in)
Finish	Dulux orange powder coated, with a clear anti-graffiti lacquer
Environment	Indoor and outdoor
Mounting Options	Wall mount (WMP-5), bollard (BOL-3xx), Pole Mount Bracket (PMB-D10)
Mounting Holes	6 x M5 stainless tapped standoffs
Fixings	6 x M5 security torx screws, 6 x nylon washers (HPU to rear panel)

External Connections

Connections	1 x RJ-45 port for Ethernet data (10/100/1000 Mbit/s) and PoE 1 x Micro AB USB port for programming and diagnostic purposes only
Cabling	4 pair UTP CAT-5E/6/6A, Size 23/24 AWG, 100 m (328 ft) max.
IP/IK rating	IP rating: IP66 (as per AS/NZS/EN 60529 IK rating: IK10 (as per EN62262)
Compliance	CAN ICES-3(B)/NMB-3(B)

Customisation

Custom artwork for shell, control surfaces and label

Optional accessories

JEX-4001	Basic Multi-function Expansion Module
JCE-4000	Jacques Cable Extender Module

*subject to final testing and confirmation