

IP VIDEO INTERCOM MONITOR STATION



HANDS FREE
VERSION

Features

- Unlimited number of monitor stations
- Easy to use 7" intuitive touchscreen design
- Ergonomic Handset optional
- Intercommunication between apartments
- Message facility whilst away
- World class styling
- Quick, simple installation
- Snapshots taken and stored when a call is placed
- USB port to download any snapshots that are taken
- Wall or desk mounted design
- Optional Camera for two-way video communication

 **JACQUES**
Future Proof Communications

SPECIFICATIONS

SYSTEM CAPACITIES

Intercom Stations	Unlimited *	Master Levels (Hierarchical Structure)	Unlimited *
Groups	Unlimited *	Simultaneous conversations	Unlimited *
Inter-Communication between apartments	Yes	Auxiliary channels	16

* Dependant on server configuration and network bandwidth

AUDIO CHARACTERISTICS

Frequency Response	200 Hz – 7 kHz +/- 3 dB (voice) 50 Hz - 15 kHz +/- 3 dB (aux playback)
Transmission Format	Real-time Transport Protocol (RTP) streaming
Digital audio format – Voice	A-law compressed PCM 16 kHz sampling rate
Digital audio format – Aux. playback	MPEG Layer 3 (MP3), typical encoding: 128 kb/s stereo 44.1 kHz
Audio Streaming Bandwidth	128 kb/s one way, 256 kb/s full duplex, Acoustic Echo Cancellation

VIDEO CHARACTERISTICS

Multi-standard video codec	M-PEG-4 part 2, simple profile H.264 baseline profile H.263 part 3
Video Streaming Bandwidth	500 kb/s - 6 Mb/s

MONITOR STATION

Screen	7" TFT colour LCD, 16:9 aspect ratio Active area: 152 mm x 91 mm Resolution 800 x 480, 18-bit RGB LED backlight (white) Contrast ratio: 400 Brightness: 350 cd/m2 Viewing angle (H, V): 140, 120
Camera (optional)	1/4" 1.3 MP CMOS sensor Resolution: QQCIF, QCIF, CIF, QQVGA, QVGA, VGA, SXGA Lens: f = 5 mm, F2.8 Image transfer rate: up to 30 frames/s (@ VGA resolution) Viewing angle: 57 ° (diagonal)
Image Store	up to 500 (on local Flash disk), unlimited* (on the server)
Control Buttons	Unlimited soft buttons, fully customisable GUI control
Power Input	IEEE.802.3af Power over Ethernet (PoE) Auxiliary power input: (12 - 32) V d.c.
Power Consumption	10 W max (0.5 W standby)
Axiliary Functions	Relay contacts (1, NO/NC), Power saving modes
Dimensions (WxHxD)	280 mm x 172 mm x 33 mm (20 mm from the wall)
Weight	1.0 kg
Plug and Play	Yes

CALL HANDLING

Call Topologies	Intercom / Hierarchical. PABX / Peer, Public Address / Zoned
Call Priorities	256 priority levels

NETWORK

Addressing	TCP/IP IPV4, static or dynamic (DHCP)
Interface Media	IEEE 802.3 10/100Mbps Ethernet
Standards	IEEE.802.3af Power over Ethernet (PoE) IEEE802.1P LAN Layer 2 prioritisation IEEE802.1Q Virtual LAN RTP - Real-time Transport Protocol (RFC3550/3551) TOS - IPV4 Type of Service (RFC791) DTMF - RTP payload for DTMF digits (RFC2833) Multicast - IP Multicasting (RFC1112) Diffserv - Differentiated Services (RFC2474/2475) NTP - Network Time Protocol (RFC1305) SNMP - Simple Network Management Protocol v2 (RFC1901) IGMPv2 - Internet Group Management Protocol v2 (RFC2236) DHCP - Dynamic Host Configuration Protocol (RFC1531)

CABLING

Power Input / Ethernet	Ethernet cable CAT-5/5e/6
Max. cable length to intercom station	100 m

Product Name	Part Number	Model Number
Jacq IP Video Intercom Monitor Station, Handset Version	51396	VMS-750H
Jacq IP Video Intercom Monitor Station, Handset Version, with Wi-Fi option	51397	VMS-750H-1
Jacq IP Video Intercom Monitor Station, Handset Version, with Camera option	51398	VMS-750H-2
Jacq IP Video Intercom Monitor Station, Handset Version, with Wi-Fi and Camera	51399	VMS-750H-3
Jacq IP Video Intercom Monitor Station Basic Version	51336	VMS-750
Jacq IP Video Intercom Monitor Station, Wi-Fi Option	51393	VMS-750-1
Jacq IP Video Intercom Monitor Station, Camera Option	51394	VMS-750-2
Jacq IP Video Intercom Monitor Station, Wi-Fi and Camera Option	51395	VMS-750-3
Monitor Desk Mount Kit	51400	n/a

Contact Our Professional Sales Team to Place your order

268 Montague Road,
West End Q 4101

Telephone +61 7 3844 1103

Fax +61 7 3844 1078

Email sales@jacques.com.au

Check out our website at www.jacques.com.au

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