

# IP VIDEO INTERCOM ENTRANCE STATIONS



KEYPAD  
VERSION



SINGLE BUTTON  
VERSION

## Features

- Unlimited number of door stations
- Attractive Slimline design
- Stainless Steel Single button version
- 3.5" LCD Screen for keypad version
- Backlit keypad
- Single button light
- Vandal resistant
- Insect resistant
- Weather resistant, with optional "rain cover"
- Multi-path communication - all entry points can be used simultaneously

## 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

### ENTRANCE STATION

Screen	3.5" TFT colour LCD, 4:3 aspect ratio Active area: 70 mm x 55.5 mm Resolution 320 x 480, 24-bit RGB LED backlight (white) Contrast ratio: 300 Brightness: 250 cd/m2 Viewing angle (H, V): 120, 115
Camera	Type: 1/3" CCD image sensor Resolution: 520 TVL Sensitivity: 0.1 Lux Functions: AES, AGC, BLC, AWB, Day/Night Lens: f=2.5 mm, F2.0, Viewing angle (H, V): 75°, 105°
Speaker Type	4 Ohm, 3 W, 50 mm x 90 mm
Speaker Volume	Configurable
Door Open Interval	Configurable
Operating Temp	(0 - 50) deg C
Operating Humidity	(10 - 90) % RH, NC
Power Input	IEEE 802.3af Power over Ethernet (PoE) Auxiliary power input: (12 - 32) V d.c.
Power Consumption	12 W max (0.5 W standby)
Axiliary Functions	Relay contacts (2 x NO/NC), Power saving modes, Audio output, Motion sensor
Dimensions (WxHxD)	160 mm x 360 mm x 45 mm
Weight	1.4 kg
IP Rating	IP65

### 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 Entrance Station, Keypad Version	51335	VES-75K
Jacq IP Video Intercom Entrance Station, Keypad Version, with Wi-Fi	51390	VES-75K-1
Jacq IP Video Intercom Entrance Station, Single Button Version	51391	VES-751
Jacq IP Video Intercom Entrance Station, Single Button Version, with Wi-Fi	51392	VES-751-1
Entrance Station Surface Mount Kit	51401	n/a

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