187 Degree Visibility for Security and Convenience

The rugged narrow form factor of the 8039 intercom is ideal for mullion door frames but the wide-band audio and wide-angle video capability enhances visitor communication and security for any application.

As a PoE SIP endpoint, the 8039 can integrate easily into any Unified Communications hosted or premise environment providing flexible communication options and the ability to answer using a standard telephone, softphone client, or smartphone. Integration with the phone system extends the reach of the intercom to anybody within the organization that has a communication device even if not video-enabled.

A fisheye camera lens and de-warp algorithm allows visibility directly beneath the intercom as well as 90 degrees left and 90 degrees right with key activated pan, tilt, and zoom from the answering device. The intuitive web interface includes the capability to "see" what the intercom "sees" at any time for added security.

In addition to access control functions, the keypad can be configured for in several ways for visitors including simple one-button calling, extension dialing, or by an integrated auto-attendant feature which plays a custom recorded WAV file in response to a key press:

"Welcome to our school, please press one for office, two for staff room, three for day care"

For maximum convenience, the 8039 allows door unlock control activated by a keypress from the answering device which requires an optional door controller that can be securely located. An internal relay is available for door control function with lower security.

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Specifications:

Power Input:	48 V PoE IEEE 802.3af Class 0 (Max 12.95W - Idle nominal 2.0W)
Protocol:	SIP (initiate or answer call)
Multicast:	Transmit (doorbell)
Voice Codecs:	G.711 A-law, G.711 u-law, G.722 wideband
Video Codecs:	H.264 Main or high profile
Video Resolution:	720p, VGA, CIF up to 30fps
Image Sensor:	187 Degree FOV horizontal and vertical. Fisheye image de-warped with pan/tilt/zoom control.
Processor:	Linux OS ARM Cortex-A8 Core with HD video processor and floating point DSP
Enclosure:	Clear passivated aluminum
Keypad Functions:	Press any key to call Access control Dial number directly Directory annunciation
Speaker:	10W wideband
Microphone:	Single wideband
Speech Processing:	Background noise reduction
Memory:	1 GByte audio storage
Door Control:	Optional Algo 8061 IP Relay Controller or internal relay NO or NC rated 30V 1A. Dual EOL resistor terminations available on request.
Configuration:	Web interface or auto-provisioning server.
Provisioning:	TFTP, FTP, or HTTP
Supervision:	SNMP
NAT:	STUN, CRLF Keep Alive
Environmental:	-40 to +122 deg F (-40 to +50 deg C); IP66 Rated for outdoor environments.
Dimensions:	1.95" W x 10.4" T x 1.64" D (4.95 cm x 26.3 cm x 4.17 cm)
Mounting:	Includes concealed mounting bracket and secure screw with matching security tool.
Weight:	3.2 lb (1.5 Kg)
Compliance:	EN60950:2001, IEEE 802.3-2008, RFC3261, RoHS, CE, FCC Class B, CISPR 22 Class B, CISPR 24, CSA/UL (USA & Canada)

Order Code:

8039 SIP Video Mullion Intercom
8040 SIP Mullion Intercom Audio Only

Optional Accessories:

8061 IP Relay Controller