Multimedia intercom with a customizable touchscreen interface.

The 8036 IP Multimedia Intercom is an outdoor-rated intercom that combines the functionality of a phone, video camera, and 5.7" touchscreen interface.

CUSTOMIZABLE 5.7" TOUCHSCREEN INTERFACE

Use the Algo 8036 as an auto-attendant in multi-tenant buildings and lobbies. Apply custom branding using text and images including graphics for keypad entry, scroll list, or icon input. The 8036 can also be used as a help station in common areas to contact building management or security for assistance.

TWO-WAY AUDIO AND VIDEO COMMUNICATION

Wideband audio and high-definition video make communication clear and effective with the 8036. With dual microphones and presence detection, the 8036 increases the situational awareness of building managers to enhance premise security.

CONNECT TO VOIP AND UC SYSTEMS

As a SIP-compliant intercom, the 8036 can integrate with UC platforms like Microsoft Teams, Zoom, and RingCentral as well as other VoIP technology. Configure these connections and other features such as RESTful API, ZTP, and multicast in an intuitive web interface from a remote location or on-site. The video camera footage can be accessed from UC call- answering devices or the 8036 web interface.

KEY FEATURES

— 5.7" touchscreen
— Presence detection
— Dual microphones
— Video camera
— Wideband audio
— Outdoor-rated
— PoE (IEEE 802.3af)
— SIP-compatible
— Configurable via web interface

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PS-8036-29082024

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SUPPORT 1-604-454-3790

AUDIO

AUDIO CODECS	G.711 u-law, G.711 A-law, G.722 Wideband
TWO-WAY AUDIO	Yes
MEDIA STORAGE	2 GB

VIDEO

VIDEO CODECS	H.264 video (CIF resolution), JPEG still image
CAMERA	• 1/3" (8.5mm) wide VGA CMOS Digital Image Sensor • 6.0 x 6.0 µm pixel size for low light performance • 110dB dynamic range
PRESENCE DETECTION	Area reflective 80cm range, invisible light beam

DISPLAY

LCD DISPLAY	Active TFT 5.7" (14.5cm) color VGA, 80° viewing, sunlight readable, 1000:1 contrast, and 800 cd/m2 backlight
TOUCHSCREEN	Optically bonded to LCD display; H7 hardness

INPUT / OUTPUT

DOOR RELAY OUTPUT	None. Optional 8063 sold separately.
DOOR RELAY LOCATION	N/A
DOOR RELAY POWER	None. Optional 8063 sold separately.
DOOR SENSOR INPUT	None. Optional 8063 sold separately.
BUILT-IN CALL BUTTON	Via configurable touchscreen.

POWER

POWER INPUT	48 V PoE (IEEE 802.3af Class 0) 48V
MAX POWER	12.95W
IDLE POWER	5-9W, depending on screen brightness

SIP

SIP EXTENSIONS	One extension to initiate or answer call
SIP SIGNALLING/ TRANSPORT PROTOCOLS	UDP, TCP, RTP
SECURITY	TLS, SRTP (audio only), Mutual Authentication

CONNECTIONS & INTEGRATIONS

RTP MULTICAST	None
API	None
THIRD PARTY	None

CONFIGURATION & PROVISIONING

CONFIGURATION	Web interface or provisioning server
WEB INTERFACE	HTTP, HTTPS
PROVISIONING	• TFTP, FTP, HTTP, HTTPS • DHCP Options 66, 150, 160 • Reboot via SIP 'check-sync'
ZTP	Supported
SUPERVISION	Compatible with Algo 8300 IP Controller, any third-party SNMP monitoring software, and RTCP

NETWORKING

NETWORKING	IPv4, DHCP, VLAN
CONNECTION	RJ45 Jack
LINK LAYER	LLDP, CDP
SECURITY	IEEE 802.1X
QOS	DSCP (SIP, RTP, RTCP)
NAT	STUN, TURN, CRLF Keep Alive, SIP Outbound
ADDRESS RESOLUTION	DNS, SRV Record
REDUNDANCY	Secondary and tertiary SIP server
TIME	NTP Server (up to four)

ENVIRONMENTAL & MECHANICAL

ENVIRONMENTAL	• -30 to +40° C (-22 to 104° F) • Outdoor rated
DIMENSIONS (PRODUCT)	10.75" x 7" x 3" (27.3cm x 17.8cm x 7.6cm)
WEIGHT (PRODUCT)	2.8 lbs (1.3 kg)
WEIGHT (SHIPPING)	4.7 lbs (2.1 kg)

COMPLIANCE

RoHS, CE, FCC Class A, CISPR 22 Class A, CISPR 24, CSA/UL (USA & Canada)

FRONT

BACK

ORDERING CODES:

8036   IP Multimedia Intercom