

Advance Information

SIP Multimedia Intercom

A new multimedia SIP endpoint from Algo combining the functionality of an IP phone, security camera, and interactive kiosk.

The 8036 is designed for outdoor or public access locations to provide enhanced communication and support for guests and visitors.

Applications include audio intercom with video security, lobby intercom, enhanced courtesy phone, multi-tenant gate or entrance, guest service, and visitor assistance kiosk. Graphic icons with multilingual menus and SIP based speech, text, or video communication make the 8036 ideal for serving international, multilingual, or hearing impaired clients.

Static displayed or scroll list menus are easily created using the web tools provided or custom applications may be created to display photos, maps, directions, sub-directories and more using QT based QML script language.

Key Benefits Include

- Suitable for public access or outdoor environments
- SIP compliant, PoE, and network administered
- Communicate with graphics, text, speech, or video
- Create custom applications using QT based QML script language
- Improved communication capability over courtesy phones and intercoms

Key Features Include

- Sunlight viewable 5.7" VGA color capacitive touch display
- Integrated camera for still snapshot or H.264 video streaming
- Weatherproof
- Wideband speaker and dual microphones
- Presence detection
- Secure door/gate management



Target Application Examples

- Airport traveler assistance
- Hotel guest service
- Unattended car rental kiosk
- Campus security and guest assistance
- Government offices
- Unattended lobby
- Multi-tenant buildings
- Gated communities
- Residential

Specifications

SIP Compliance	RFC3261
PoE	48 V PoE Class 0 (Maximum 12.95 W - Idle 3 W)
Physical Connection	RJ45
LCD Display	Active TFT 5.7" (14.5 cm) color VGA, 80° viewing, sunlight readable, 1000:1 contrast, and 800 cd/m2 backlight
Codecs Supported	G.711 audio, G.722 audio, H.264 video, JPEG still image
Camera	1/3" (8.5 mm) wide VGA CMOS Digital Image Sensor; Max 742 x 480 WVGA 60 fps; 6.0 x 6.0 μm pixel size for low light performance; 110 dB dynamic range; WVGA, VGA, QVGA, CIF, QCIF formats
Image Memory	Optional to 8 GBytes
Touchscreen	Optically bonded projected capacitance, H7 hardness
Presence Detection	Area reflective 80 cm range, invisible light beam

Speaker	Wideband 8 W
Microphones	Dual beam forming, wideband
Hands-free	Full-duplex capable, reverting to hands-free half duplex employing DSP echo cancellation and noise reduction for reliable communication in difficult outdoor environments
Programmability	Web interface option configuration, or custom applications using QT based QML script
Environmental	IP64 weather resistant; Ambient temperature: -30 to +60° C (-22 to 140° F)
Regulatory	FCC, CSA/UL, CE
Door/Gate Control	Separate module SIP end point for physical security, sensing inputs, and third party equipment interfaces