

Features

- **Weather-resistant (Type 3R) Flush-mount Design**
- **No Additional Interface Required**
- **Web Page Configuration**
- **Real-time Alarm Reporting Via Email**
- **Power Over Ethernet or Alternative 24-48 V dc Supply**
- **SIP Compatible**
- **RJ45 LAN or WAN Direct Connection**
- **Automatic Call Divert (Rollover), Via Memory List**
- **Four Inputs and Two Outputs Per Phone**
- **Auto Answer**
- **ADA Compliance Features: Braille "HELP" Label and "Call Received" LED Indicator**
- **Multicast Capable (Up to 8 Addresses)**
- **Compatible with TMA (Telephone Management Application) Software**
- **Integrated 1/3" CMOS Image Sensor (1.3 MPx)**
- **1280 x 960 Resolution**
- **0.01 Lux (Color)**
- **Digital Day/Night**
- **ONVIF Profile S Open Standards Design**



GAI-TRONICS' RED ALERT® Model GTB17015 VoIP Hands-free Camera Telephone is designed to provide direct point-to-point communications between personnel throughout a facility over an existing internet protocol LAN. The VoIP telephones are intended for connection to a 10/100 BaseT Ethernet and operate using power-over-Ethernet or an alternative power source. The VoIP telephone features real-time alarm reporting that enables system supervisors to monitor the phone's activity and address callers needs or maintenance issues immediately.

GAI-TRONICS' RED ALERT® VoIP Hands-free Telephone's features makes it ideal for use in any application requiring point-to-point communications or telephone system access. Multiple telephones can be accessed in "page" mode for one-way broadcasts, utilizing each telephone's multicast feature.

Typically installations locations include:

- **College Campuses**
- **Business and Industrial**
- **Parking Garages**
- **Parks**
- **Sports Arenas**
- **Factories**

It additionally has the ability to monitor the immediate area through the integral 1/3" CMOS VoIP Camera. Although the camera can be seen upon close inspection of the telephone, it will go largely unnoticed. The model GTB17015 is ideal for expanding an existing CCTV system or for viewing the actual telephone user. The camera will require a dedicated Ethernet input.

Embedded web pages held within the VoIP telephone can be accessed over a network using a browser, such as Internet Explorer®, to view, monitor, and change settings within the unit.

In addition to each unit's real-time email reporting capability, all telephones can be monitored via a central PC utilizing our TMA (Telephone Management Application) software. TMA will systematically poll each telephone on a pre-programmed schedule (daily, weekly, etc.) and provide a single report with a variety of available information pertaining to call activity and fault reporting of the following:

- **Configuration error**
- **Cold reset (caused by power failure)**
- **Warm reset (caused by internal command or error)**
- **Keypad error / stuck buttons**
- **Microphone / Speaker circuit fault**
- **Handset off-hook (if so equipped)**
- **Register fail**

Note: TMA will monitor only the two-way communications properties, not the video.

GAI-Tronics' RED ALERT® VoIP Camera Telephone's rugged, stainless steel construction delivers a robust and weather-resistant solution for virtually any IP communication application that also requires video surveillance.

Specifications

Electrical

Network Power Power-over-Ethernet, 802.3af compliant (via RJ45)

Local Power Requirements..... 24-48 V dc, 6 watts (a separate, isolated power supply must be provided for each telephone)

Power Consumption 6 watts, max.

Network 10/100 BaseT Ethernet RJ45, Cat5 or Cat5e UTP Static IP provisioning or DHCP STUN client

Call Control Signaling SIP (RFC3261 compliant)

Microphone Electret

Inputs*

Keypad (as applicable) 3x4 matrix

Push Buttons (as applicable) Call, Emergency Auto-dial

Configurable inputs 4

Outputs

Programmable Output (2) Contact Rating 8 A @ 30 V ac/dc (resistive load)

Controls

External* (as applicable) Keypad, push-button inputs

Internal Speaker volume, mic bias, reset switch

Indicators

External Call received LED

Internal Power, Heartbeat & EACT LEDs

Audio output 90 dB SPL or greater @ 0.5 meters (@ 1kHz)

Codecs and audio..... G.711 A-Law, G.711µ-Law, G.722, G.729, G.723.1 MP-MLQ, G.723.1 ACELP

Configuration..... Embedded web server
Configuration file download
Direct serial connection
Password Protection

Call Diversion Configurable call list Numbers or URIs (max 20 entries) with comfort tones, diverts to next in list if the call fails

Monitoring & reporting .. Real-time monitoring/reporting via Email or proprietary Syslog application; polled monitoring and reporting via TMA software application

Camera

Lens 1.3 MPx, L-shape, 2.0mm

FOV..... 115 degrees

Sensor..... 1/3" Progressive Scan CMOS

Resolution 1.3MPx

Day/Night..... Digital D/N

IP Compression/Standard H.264 (Baseline profile/Main profile/MPEG4/MJPEG)

Maximum Resolution (@fps) 1280 x 960

Video Bit Rate 128Kbps to 16Mbps, adjustable

Wide Dynamic Range (WDR)..... 120dB

Sensitivity..... 0.01 lux @ f1.2, AGC On (Color)

Lens Connector..... RJ12

Voltage Input 12 V dc, PoE (IEEE 802.3-af)

Mechanical

Temperature range:
Operating -4° F to +140° F (-20° C to +60° C)
Storage -40° C to +70° C

Relative humidity..... Up to 95%, non-condensing

PCBA (printed circuit board assembly) Conformal coated

Construction

Panel..... 14-gauge, brushed stainless steel

Back box 16-gauge cold-rolled steel with black polyurethane finish
(Model 398-702): Braille dial pad Chrome-plated zinc

Dimensions

Panel..... 12.0 H x 10.0 W inches (304.8 x 254mm)

Back Box (depth from mounting surface)..... 3.50 inches (88.9mm)

Panel Cutout 10.1 H x 8.43 W inches (255.57 x 214.12mm)

Weight

..... 7.5 lbs.

Approval Standards

Compliance to Standards FCC CRF 47 Part 15
Safety of Information Technology

Equipment..... UL/CSA 60950

Enclosures for Electrical Equipment Type 3R

Accessories

Description	Part Number
TMA (Telephone Management Application) Package - VoIP	12509-044
Security Screwdriver	233-001
Weatherproof Power Supply Kit, 24 V dc	190-002PS

