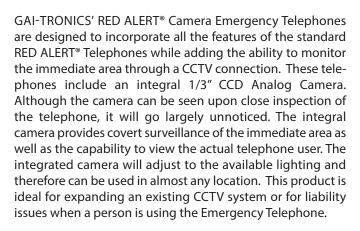# RED ALERT
by GAI-TRONICS

Camera Emergency Telephone
Models 397-001CAM / 398-001CAM

Features

- **Integrated 1/3" CCD Camera**
- **Auto Gain Control; Auto Electronic Shutter; Auto White Balance**
- **Standard BNC Video and 2.1mm Power Connection**
- **Weather-resistant (Type 3R) Flush-mount Design**
- **Telephone Line Powered (telephone operation only)**
- **12 V dc Power Required for Camera Operation**
- **Large "Palm" Activation HELP Pushbutton For Emergency Call**
- **CALL Pushbutton for Standard Keypad Dialing (398-001CAM version ONLY)**
- **12-Button, Braille Keypad (398-001CAM version ONLY)**
- **Standard or SMART Operation**
- **Auto Answer (with Silent Monitoring)**
- **(2) Programmable Auxiliary Outputs for Peripheral Equipment Control**
- **Operating Temperature Range: -10° C to +50° C**
- **Call Received When Lit LED**
- **3-Number Rollover**
- **UL/CSA 60950 Compliant**
- **FCC Part 68 Certified**
- **ADA Compliant**
- **Monitored by TMA (Telephone Management Application) Software**

GAI-TRONICS' RED ALERT® Camera Emergency Telephones are designed to incorporate all the features of the standard RED ALERT® Telephones while adding the ability to monitor the immediate area through a CCTV connection. These telephones include an integral 1/3" CCD Analog Camera. Although the camera can be seen upon close inspection of the telephone, it will go largely unnoticed. The integral camera provides covert surveillance of the immediate area as well as the capability to view the actual telephone user. The integrated camera will adjust to the available lighting and therefore can be used in almost any location. This product is ideal for expanding an existing CCTV system or for liability issues when a person is using the Emergency Telephone.

GAI-TRONICS' RED ALERT® Camera Emergency Telephones provide clear and reliable communications in almost any environment. Models 397-001CAM and 398-001CAM are considered to be Type 3R weatherproof compliant when installed in a GAI-Tronics surface-mount enclosure, free-standing stanchion, wall-mount stanchion or simply recessed into an existing wall.

The 397-001CAM and 398-001CAM RED ALERT® Camera Emergency Telephones provide reliable two-way communications with the press of a single button and can be installed on any analog PSTN, PBX, PABX, or KSU network providing 24 V dc or 48 V dc line voltage with a minimum line current of 24 mA. No external power is required for telephone operation.

In addition to the HELP pushbutton, the 398-001CAM includes a sealed, chrome-plated Braille keypad and separate CALL pushbutton for local calling or building access. Pressing the black CALL pushbutton a second time enables the caller to place additional calls without disengaging the telephone line.

Each telephone is capable of providing two (2) auxiliary outputs for control of peripherals such as strobes, door/gate access, alarms, or lamps via local or remote activation. These outputs can be programmed for a variety of control parameters including telephone HELP button or remote DTMF activation. Each telephone can additionally be configured to automatically answer when called.

The camera telephones are ADA compliant, with a "Call Received When Lit" LED providing visual indication that a call is active and a Braille HELP label.

Although each of these telephones will function as a standard Emergency Telephone, connecting a customer-provided, central computer equipped with GAI-TRONICS' TMA (Telephone Management Application) software will allow them to operate in SMART (Self-Monitoring and Reporting Technology) mode. With TMA connected, each RED ALERT® telephone will be polled on a scheduled basis to report:

- **Line Integrity**
- **Microprocessor Health**
- **Stuck Buttons**
- **Microphone Integrity**
- **Speaker Integrity**
- **Line Interrupt (power failure)**
- **Low Battery (Voice Annunciation Option Only)**

Telephone Specifications

TMA compatibility profile type: GTC SMART Hands-free
Electrical
Audio Output . . . . 1 kHz tone @ 87 ± 3 dB SPL @ 1 meter with 40 mA loop current
Battery Voltage (tip and ring). . . . . 24 V dc or 48 V dc
Phone line requirements . . . . Loop start, central (CO), or Analog station port (PBX, PABX, or KSU)
Minimum loop current. . . . . 24 mA (35 mA recommended)
(2) Auxiliary outputs (Isolated solid state switch): 48 V dc @ 125mA; 28 VRMS ac @ 80 mARMS
Signaling. . . . . DTMF 100 ms tone
Memory . . . . Non-volatile EEPROM

Mechanical
Operating Temperature Range . . . . -4° F to +140° F (-20° C to +60° C)
Relative humidity . . . . Up to 95%, no condensation
Construction:
    Panel . . . . 14-gauge, type 304 brushed stainless steel
    Back box . . . . 16-gauge cold-rolled steel with black polyurethane finish
    Dial Pad. . .Chrome-plated zinc (398-001CAM version only)
Dimensions:
    Panel . . . . 12.0 H x 10.0 W inches (304.8 x 254.0 mm)
    Back box (depth from mounting surface) . . . . 2.38 in (60.5 mm)
    Panel cutout . . . . 10.1 H x 8.43 W inches (255.57x 214.12mm)
    Weight. . . . . 6.5 lbs (2.9kg)

Approval Standards
Safety of Information Technology Equipment: UL/CSA 60950
Enclosures for Electrical Equipment . . . . UL 50, Type 3R

47 CFR Part 68
Certification Number . . . . US: ADGTE05BGTC2010
Ringer Equivalent Number 5B
Network connection (USOC) RJ11

IC information (Canada)
IC Certification Number 882B-GTC 2010
Ringer Equivalent Number 5B
Connection Method CA11A

CCD Camera Specifications – Electrical
Camera format . . . . 1/3" Color Super HAD CCD Sensor
Field of View . . . . NTSC: 510 (H) x 492 (V); PAL: 500 (H) x 582 (V)
Horizontal Resolution . . . . 420 TVL
Light Sensitivity . . . . .02 LUX @ F2.0
Lens . . . . Pinole 3.7mm
Operating Temperature Range . . . . +14° F to +120° F (-10° C to +50° C)
Power Requirements . . . . 12 V dc; 142 mA
Automatic Circuits. . . . . Auto Gain Control (AGC), Auto Electronic Shutter (AES), Auto White Balance (AWB)
Video Connection . . . . . Standard BNC Connector (75 Ohm)
Power Connection. . . . . 2.1mm Power Connector

Models

Model	Description
397-001CAM	Weatherproof, Flush-mount, One-button, Emergency Telephone with Camera
398-001CAM	Weatherproof Flush-mount, Emergency Telephone, HELP and CALL Pushbuttons, Braille Keypad with Camera
12509-037	TMA Application Package (includes single line transceiver, security key, interconnecting cables, software CD, and manual)
12509-036	TMA Line Expansion Kit; one required for each additional monitored line…8 max. (includes single line transceiver, interconnecting cables, and manual)
190-002PS	Weatherproof 12 V dc Power Supply
233-001	Security Screwdriver