

## Features

- **Integrated 1/3" CCD Camera**
- **Auto Gain Control; Auto Electronic Shutter; Auto White Balance**
- **Standard BNC Video and 2.1mm Power Connections**
- **Weather-resistant (Type 3R) Surface-mount Design**
- **Rugged Non-metallic or Aluminum Enclosure, Safety Yellow**
- **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 (394AL-001CAM version ONLY)**
- **12-Button, Braille Keypad (394AL-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. Model 393-001CAM and 394AL-001CAM are considered to be Type 3R weatherproof compliant when installed on any flat surface.

The 393-001CAM and 394AL-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 48V 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 394AL-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:

Enclosure Construction:

Model 393-001CAM. . . . . Non-metallic, safety yellow

Model 394AL-001CAM. . . . . Cast-Aluminum,  
with safety yellow epoxy finish

Dimensions . . . . . 9.5 H x 8.0 W x 4.0 D inches  
(241.3 x 203.2 x 101.6 mm)

Weight:

Model 393-001CAM. . . . . 4.0 lbs (1.8kg)

Model 394AL-001CAM . . . . . 8.5 lbs (3.8kg)

#### 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 ohms)

Power Connection. . . . . 2.1mm Power Connector

### Models

| Model        | Description   |
|--------------|---|
| 393-001CAM   | Weatherproof, Surface-mount, Non-metallic, One-button, Emergency Telephone with Camera  |
| 394AL-001CAM | Weatherproof Surface-mount, Cast-aluminum, 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  |