

Features

- **No additional interface required**
- **Web page configuration**
- **Real-time alarm reporting via email**
- **Power Over Ethernet or alternative 48Vdc 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” L.E.D. Indicator**



GAI-Tronics handsfree VoIP Wall-mount Telephone is designed to provide direct point-to-point communication between personnel throughout a facility over an existing Internet Protocol LAN. The VoIP telephones are intended for connection to a 10/100 base T 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' handsfree VoIP Telephone's features make it ideal for use in any application requiring point-to-point communications or telephone system access.

Typical installation locations include:

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

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.

GAI-Tronics VoIP Handsfree Telephones are housed within a glass reinforced polyester or a cast aluminum enclosure that is painted safety yellow and are designed to provide high levels of unit integrity, delivering a robust and weather-resistant solution for virtually any IP communication application.

MODEL 293-700 and 294-700 Series

Specifications

Power Power-over-Ethernet, 802.3af compliant (via RJ45), or External power supply 36-56 V dc, 200 mA, a separate, isolated supply must be provided for each telephone.

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

Call Control Signaling SIP (RFC3261 compliant) Loose routing

Microphone, Electret 13507-005

Inputs*

Keypad 3x4 matrix

Push Buttons Call, Emergency Auto-dial

Configurable inputs 4

Outputs

Output 1 8 A @ 30 V ac/dc (resistive load)

Output 2 5 A @ 30 V ac/dc (resistive load)

Controls

External* 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.711 μ -Law, G.722, G.729, G.723.1 MP-MLQ, G.723.1 ACELP

Configuration Web page, configuration file, static IP address provisioning or DHCP

Monitoring and reporting. . Real-time over TCP/IP proprietary Syslog application or email Embedded SMTP client Automatic fault reporting

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

Compliance to Standards FCC CRF 47 Part 15

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

Model 293-700

Enclosure construction Valox (high impact, glass-reinforced polyester) painted safety yellow

Dimensions 9.5 H x 8 W x 4 D inches (241.3 x 203.2 x 101.6 mm)

Model 293AL-700 and 294AL-702

Enclosure construction Cast aluminum painted safety yellow
 (Model 294AL-702 only): Braille chrome plated zinc dial pad

Dimensions 9.5 H x 8 W x 4 D inches (241.3 x 203.2 x 101.6 mm)

Weight

Model 293AL-700 7.8lbs.

Model 293-700 4.0lbs.

Model 294AL-702 8.5lbs.

* Input configuration is dependent upon model number.

Models

Description	Part Number
"HELP" Button, Valox Enclosure	293-700
"HELP" Button, Aluminum Enclosure	293AL-700
Full Keypad, "HELP" Button, Call Button Aluminum Enclosure	294AL-702



This mark indicates successful completion of Cisco Product Compatibility testing.

Pub. 070606



GAI-Tronics® - USA Toll Free: 1 (800) 492-1212 Tel: (610) 777-1374 Fax: (610) 796-5954 www.gai-tronics.com

GAI-Tronics® Limited, UK Tel: +44 (0)1283 500500 Fax: +44 (0)1283 500400 www.gai-tronics.co.uk
 GAI-Tronics® S.r.l, Italy Tel: +39 02 48601 460 Fax: +39 02 4585 625 www.gai-tronics.it
 GAI-Tronics® - Malaysia Tel: +60-3-8945-4035 / 8945-7348 Fax: +60-3-8945-4675 www.gai-tronics.com
 Austdac - GAI-Tronics® - Australia Tel: 011-61-28-851-5000 Fax: 011-61-29-899-2490 www.austdac.com.au

Quality Management Systems Certified - ISO9001:2000

The policy of GAI-Tronics is one of continuous improvement; therefore the company reserves the right to change specifications without notice.