



Weatherproof VoIP Telephones



GAI-Tronics Industrial Telephones available in VoIP (SIP)

- Protection up to IP66
 - Automatic call divert (memory list)
 - Range of weather and vandal resistant enclosures, keypad and handset options
 - Power over Ethernet
 - SIP protocol (RFC 3261)
 - Operating Temperature -20°C to +60°C
 - Four inputs, two outputs per phone
 - Web page configuration
- Real-time alarm reporting via email**

GAI-Tronics Voice over Internet Protocol (VoIP) industrial telephones provide simple network connection without the need for telephone adaptors, extending VoIP access into the most arduous of environments. With only one voice and data infrastructure to install and maintain - time, money and call costs are reduced.

Withstanding extremes of temperature, weather, vandalism and vibration, and providing enhanced levels of electro magnetic and lightning protection are the basis of the entire design of GAI-Tronics telephones.

Our new generation of VoIP-SIP telephones are fully integrated and the full benefits of converging onto a data network can now be realised. Immediate email and Syslog alerts of events such as handset loop integrity failure, HTML based remote configuration, unattended updates of firmware and configuration.

The rugged, weatherproof VoIP-SIP telephone range compliments your existing communication infrastructure as each range is designed to provide commonality of operation.

GAI-Tronics telephones have passed stringent approval processes set by national rail, road and airport authorities, police forces, councils and petrochemical industries, and can be found in safety and security applications throughout the world.

Our VoIP telephones integrate the latest technology with the quality, durability and reliability, gained through 60 years experience as a specialised communications provider, to give you a trusted product for your business' future.

VoIP Telephony

Weatherproof VoIP Telephones

TECHNICAL SPECIFICATIONS

FEATURES

Flexible: offers direct connection to LAN or WAN via RJ45 connector, including Power-Over-Ethernet (PoE) as standard.

Easy Configuration: intuitive web pages held within the telephone can be accessed over the network using a browser such as Internet Explorer™ to view monitor and change settings within the telephone.

24/7 Availability: telephones with memory buttons have an automatic call divert facility as standard, so that if a number (or URL) is not available then to up to 20 alternatives can be dialled automatically.





Feature-rich: hearing aid compatible. Handset units (Titan & Commander) have the option of a noise cancelling handset, while hands-free units (VR & Help Point) have call progress visual indication as standard.

Remote Control: Two outputs provide the ability to control external beacons, sounders, CCTV triggering and gate control. Four inputs allow for the monitoring of sensors which can initiate email or Syslog messaging

Global application: equipped with national telephone call tones enabling seamless operation across the globe, and giving the user recognisable comfort tones.

Weather and Vandal Resistance is standard. The telephones are housed within our standard enclosures offering proven high levels of unit integrity and delivering a robust solution.

Approvals

	This mark indicates compliance with the: Radio & Telecommunications Terminal Equipment Directive 1999/5/EC (R&TTE)
	FCC approval (Titan and Commander)
	This mark indicates compliance for inductively coupling to Hearing Aids having a 'T' switch position. Tested to ETS 300-381 and in accordance with ITU-T P37.
	CISCO IVT Tested & Approved

Models	Titan, Commander, VR, Public Access Help Point
Variants	Handset & Hands free
Housing	Titan: Die cast Aluminium Commander: Glass Filled Polyester VR/Public Access HP: Aluminium Front Plate
IP Rating	Up to IP66
Supply	Power-over-Ethernet, 802.3af compliant (via RJ45), or external 48Vdc supply (via screw terminals)
Connection	RJ45 (Ethernet), 10/100-BASE-TX auto negotiation or user selectable 9 way D type (RS232), local configuration
Temperature Range	-20°C to +60°C
Call Control Protocol	SIP (RFC 3261)
DTMF	in-band / out-of-band (RFC2833)
Security	Password Protected
Quality of Service	Priority of IP-Packets according to TOS and DiffServ VLAN Priority according to IEEE 8021.p/802.1q
CODECS	G.711 A-Law /μ-Law (64kpbs), G.722, G.729(16kpbs), G.723.1 MP-MLQ (6.3kpbs), G.723.1 ACELP (5.3kpbs)
Echo Compensation	Yes
Configuration	Via on-board password protected HTML Web Page Server
Monitoring	Automatic fault reporting via email or Syslog messaging, LED indication of unit health and connection status
Update Server	Configuration & firmware update via TFTP
NAT	Network Address Translation traversal via STUN server
IP Address	Static IP provisioning or Dynamic Host Configuration Protocol (DHCP)
ICMP	Internet Control Message Protocol for inbuilt Ping test
Dial Tone	Configurable comfort tones (to emulate national tones)
Memory Dialling	Numbers or URIs (with comfort tones)
Configurable call lists	(max 20 entries) which divert to next in list if the call fails
Inductive loop	Handset and hands free
Call Records	via Call Description Reports
Time/Date	Simple Network Time Protocol with time zone and daylight saving
Date Format	European/US
Outputs	Selectable event activation beacon, sounder, CCTV etc.
Output 1	10A 250Vac
Output 2	5A 250Vac
Inputs	4 auxiliary inputs, volt free, (internal pull-up resistor source current = 300uA). Email and Syslog messaging on selectable events.

Telephones Available in VoIP

Description	Brochure Number
Commander	B009
Titan	B024
Public Access Help Point	B177
VR	B153
VoIP/Analogue Comparison	B184

