

Features

- **Non-metallic, Corrosion-proof Enclosure** (gray, red, yellow, or orange)
- **NEMA 4X Weather Rating with Door Closed and Latched; NEMA 3R with Door Open**
- **Embedded Browser (No Additional Interface Required) for Web Page Configuration**
- **SIP Compatible**
- **Power Over Ethernet or Alternative 24/48 V dc Supply**
- **RJ45 LAN Direct Connection**
- **Heavy-duty Handset with Noise-cancelling Microphone, Hearing Aid-compatible Receiver, and Hytrel® Coiled Cord (6-ft. extended)**
- **Brushed Stainless Steel Front Panel with Push-button Volume Control**
- **Integral Electronic Ringer, 85 dB SPL**
- **Full Keypad with Protective Boot**
- **Real-time Email Fault Reporting**
- **Compatible with TMA (Telephone Management Application) Software**
- **Four Programmable Inputs and Two Contact Closure Outputs**
- **Stainless Steel Security Mounting and Assembly Hardware**
- **Conformal-coated Printed Circuit Board**



Typical installation locations include:

- Food Processing Facilities
- Water Parks / Pools
- Ship-board, Seaboard Locations
- High Humidity Installations
- Wash-down, Hose-down Installations



GAI-TRONICS' Model 354-700 Series VoIP NEMA 4X Handset Keypad Telephones are designed to provide direct, point-to-point communications between personnel via an existing Internet Protocol LAN. These telephones are intended for connection to a 10/100 BaseT Ethernet SIP network and operate using Power-over-Ethernet (PoE) or an alternative, external power source.

In addition to providing real-time alarm reporting, the Model 354-700 series VoIP telephone can be centrally monitored via our TMA software via a centralized PC to provide detailed reporting of the following:

- Configuration Error
- Cold Reset (power failure)
- Warm Reset (int. error)
- Keypad error/stuck buttons
- Microphone/Receiver fault
- Handset off hook
- Register fail

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.

The 354-700 series VoIP Handset Telephone offers standard telephone functionality with active dial tone when the handset is removed from its cradle. This rugged telephone is weatherproof rated as NEMA 4X and will withstand a direct spray wash-down or severe weather conditions. The engineered plastic enclosure, conformal-coated printed circuit board, keypad protective boot, and stainless steel panel and hardware provide the maximum resistance to corrosion.

NEMA 4X VoIP Handset Telephone - Keypad

Model 354-700 Series



Specifications

Power

Network Power Power-over-Ethernet
802.3af compliant (via RJ45)
Local Power Requirements 24 to 48 V dc, 6 W

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

Call Control Signalling SIP (RFC3261 compliant)
Loose routing

Inputs

Keypad 3 x 4 matrix
Configurable Inputs 4

Outputs (Configurable)

Output 1 8 A @ 30 V ac/dc (resistive load)
Output 2 5 A @ 30 V ac/dc (resistive load)

Controls

External Push-button volume control
Internal Mic bias, reset switch,
handset enable

Indicators

Internal Power, Heart beat, & EACT LED's
Configuration Embedded web server
Monitoring and Reporting Real-time over TCP/IP
proprietary Syslog application or email

Mechanical

Enclosure Engineered Plastic (gray, yellow, orange, red)
Panel 14 gauge, brushed 316 Stainless Steel
Braille Keypad Chrome-plated Zinc
Handset/Cord G-style with 6-foot
(extended) Hytrel cord (standard)
with 15-inch armored cord option
Connection RJ45
Dimensions 14.6 H x 10.9 W x 10.5 D inches;
(371 x 276 x 267mm)
Mounting Wall or column, four 0.44-inch
(11mm) diameter mounting holes
Weight 12.0 lbs. (6.58 kg)

Approval Standards

Compliance to Standards FCC CRF 47 Part 15
Safety of Information Technology Equipment UL/CSA60950
Enclosures for Electrical Equipment Type 4X

Environmental

Operating Temperature - 4° F to +140° F (-20° C to +60° C)
Storage -40° C to +70° C
Humidity Up to 95% non-condensing
Enclosures for Electrical Equipment ... UL 50 TYPE 4X with door
closed and latched
PCBA (printed circuit board assembly) Conformal-coated

Ordering Information

Model No.	Description
354-700	NEMA 4X VoIP Keypad Handset Telephone, w/ 6-ft. Hytrel Cord, Gray
354-700AC	NEMA 4X VoIP Keypad Handset Telephone, w/ 15-in. Armored Cord, Gray
354-700OR	NEMA 4X VoIP Keypad Handset Telephone, w/ 6-ft. Hytrel Cord, Orange
354-700ORAC	NEMA 4X VoIP Keypad Handset Telephone, w/ 15-in. Armored Cord, Orange
354-700RD	NEMA 4X VoIP Keypad Handset Telephone, w/ 6-ft. Hytrel Cord, Red
354-700RDAC	NEMA 4X VoIP Keypad Handset Telephone, w/ 15-in. Armored Cord, Red
354-700YL	NEMA 4X VoIP Keypad Handset Telephone, w/ 6-ft. Hytrel Cord, Yellow
354-700YLAC	NEMA 4X VoIP Keypad Handset Telephone, w/ 15-in. Armored Cord, Yellow
12509-044	Telephone Management Application (TMA) Software (VoIP only)

Available Options Include:

LD - Keylock Door
SK - Spring Door Closure
H1 - 15 Ft. (extended) Hytrel® Cord



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Quality Management System Certified by DNV-GL - ISO 9001:2015. The policy of GAI-TRONICS is one of continuous improvement; therefore the company reserves the right to change specifications without notice.

