



GAI-TRONICS® CORPORATION
A HUBBELL COMPANY

Model 256-001 Industrial Telephone with Keypad

General Information

This data sheet applies to the GAI-Tronics Model 256-001 Industrial Telephone, which is ideally suited for conditions that are too harsh for a standard telephone. The telephone operates in the same manner as a standard telephone—simply lift the handset and dial the desired telephone number. The telephone is fully line-powered and does not require internal batteries.

The telephone includes one isolated solid state switch capable of switching a maximum of 48 V dc, 125 mA or 28 V_{RMS} ac, 80 mA_{RMS}. The auxiliary output allows peripheral equipment, such as beacons, video cameras, and alarm generators, to be activated when the handset is off hook.

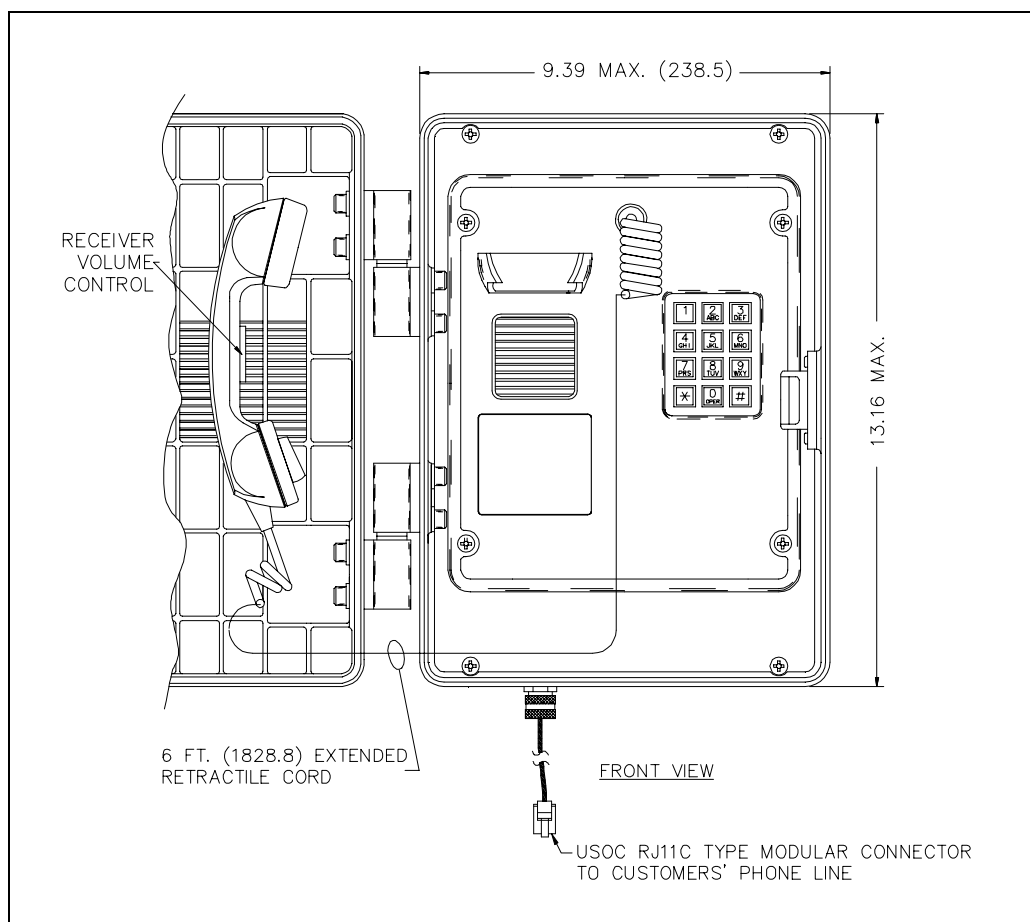


Figure 1. Model 256-001 Outline Drawing

Specifications

Electrical (Typical)

Frequency response	300–3,000 Hz
Inter-digit pause	100 ms
Minimum loop current.....	20 mA
Signaling tone (DTMF)	100 ms tone duration
Supervisory dc current.....	Minimum 20 mA dc; maximum 60 mA dc
Supervisory dc voltage	24 V dc to 60 V dc (not polarity sensitive)
Network interface.....	Loop start
Auxiliary output (isolated solid state switch).....	48 V dc @ 125 mA 28 V _{RMS} ac @ 80 mA _{RMS}
Network signaling	DTMF

Environmental

Operating temperature	-40 °F to +140 °F (-40 °C to +60 °C)
Humidity	90% non-condensing

Mechanical

Enclosure	High-impact, glass-reinforced polyester
Handset cord	“G” style handset/Hytrel® 6-foot extended length (standard) and volume switch
Connections	6.5-foot (1.98 m) modular line cord
Dimensions, outside	9.4 W × 13.2 H × 7.4 D inches (239 × 344 × 188 mm)
Mounting	Four 0.280-inch diameter holes
Weight	8.2 lbs. (3.72 kg)

Approvals

Safety of Information Technology Equipment.....	UL 60950 and CAN/CSA-C22.2 NO. 60950-00
Enclosures for Electrical Equipment	UL 50 TYPE 3R/NEMA 3R

FCC Information

FCC Registration Number	US: ADGTE10A-46048HAC
Ringer Equivalence Number (REN).....	1.0A/1.3B
Network Connection (USOC).....	RJ11
Meets hearing aid compatibility magnetic field intensity and volume control technical standards per FCC Sections 68.316 and 68.317.	

IC Information (Canada)

IC Certification Number	82211754
Ringer Equivalence Number (REN).....	1.0A/1.3B
Connecting method.....	CA11A