

HDE VoIP Series Emergency VoIP Telephones



Guardian Telecom's SIP-enabled HDE VoIP Series Emergency telephones are intended for use in areas where direct assistance or hands-free communication is required.

Calls can be initiated from the telephone or from the monitoring station. The telephone may be programmed to autodial two numbers or to ringdown through a PABX. HDE VoIP Telephones are capable of remote monitoring, reporting the status of each unit and informing personnel of a malfunction.

HDE VoIP Telephones are compatible with most SIP-based IP-PBX servers that comply with SIP RFC 3261. See our Interoperability Guide for details.

FEATURES and BENEFITS

- Adaptive full duplex voice operation
- PoE 802.3af enabled (Power-over-Ethernet) or alternate power source
- Compatible with most SIP-based IP-PBX servers that comply with SIP RFC 3261. (Refer to the Guardian VoIP webpage for a list of certified servers)
- Network web management interface
- Guardian Discovery Utility makes it easy to detect, locate and launch the web based configuration screens
- Product self diagnostic testing available through web interface
- Network adjustable speaker volume and microphone sensitivity
- Network downloadable firmware
- HDE VoIP models with an Emergency Push Button – depressing the button once automatically rings designated number(s) to summon help
- HDE VoIP models with a Push To Call Button – depress the button once and it allows the user to dial pre-programmed numbers. A call may be initiated from the phone or from the monitoring station
- Security dial mode on HDE-1100-VoIP & HDE-1200-VoIP models – calls designate local & allows user to activate auxiliary relay (supports 9 codes)
- Doubles as a Paging Speaker
- Timer controls for auxiliary relay, Button/Keyad
- Cell phone dial mode (HDE-1100-VoIP & HDE-1200-VoIP models only) allows user to dial number, use call button to initiate or terminate
- Speed dial mode – up to 12 single keys
- Night ringer mode – refer to product manual
- Support for optional sensor inputs
- Powder coated, corrosion resistant enclosures
- Remote programming – allows you to manage your emergency network from a central location
- LED – provides visual confirmation of call connection
- ADA (American Disability Act) compliant label – standard on HDE-11-VoIP & HDE-12-VoIP models
- Speaker – hands free operation
- Control Relay – network configurable auxiliary relay standard on all models
- Temperature range -22° to +140°F (-30° to +60°C)
- Network configurable door or intrusion sensor settings

APPLICATIONS

HDE VoIP Telephones are designed to provide reliable communications in environments subject to vandalism, moisture, dust and corrosive chemicals such as:

- Universities
- Elevators
- Parking Facilities
- ATMs
- Transit Authorities
- Medical Centers
- Industrial Parks
- Public Access Areas
- Building Entrances
- Plant Entry Gates
- Sporting Facilities
- Amusement Parks
- Senior Citizen Housing and more ...

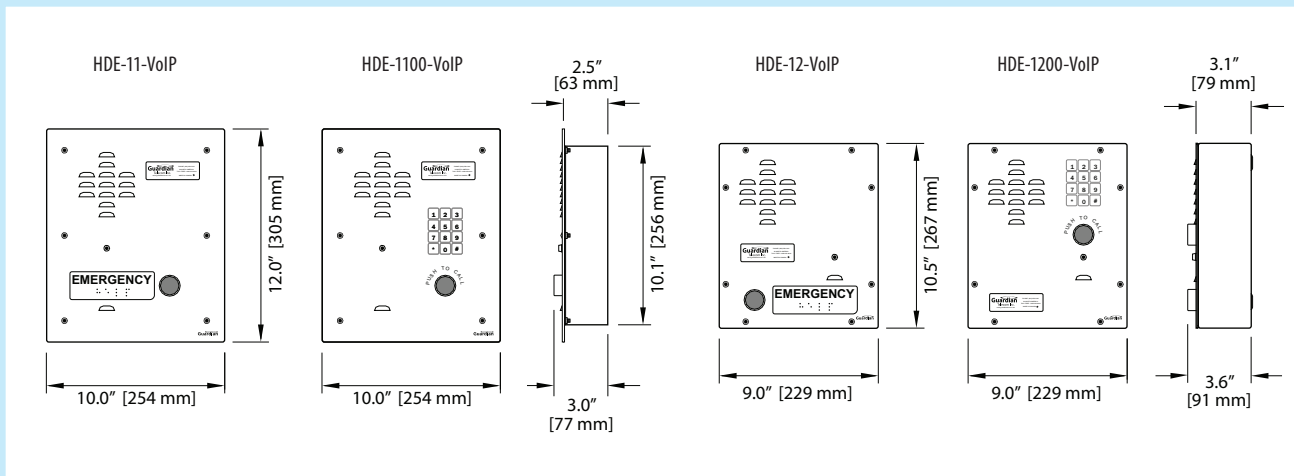
ACCESSORIES and OPTIONS

- Conformal coated circuitry – protects components from humidity damage
- MS – Mushroom switch for HDE-11-VoIP or HDE-12-VoIP
- BS – Blue Switch for HDE VoIP

Guardian
Telecom Inc.

ISO 9001 Today's Quality Creates Our Future

OVERALL DIMENSIONS



HDE VoIP Series Heavy Duty Emergency VoIP Telephones

ENGINEERING SPECIFICATIONS

ELECTRICAL PERFORMANCE

Ethernet Network Rate	10/100 Mbps
Maximum Speaker Volume	1 Watt Peak
Protocol	SIP

ELECTRICAL REQUIREMENTS

Power Requirements	POE-802.3 af Compliant
	12-24V @ 500mA
Auxiliary Relay	3.0A @ 30VDC
	3.0A @ 250VAC

ENVIRONMENTAL

Temperature	-22° to +140°F (-30° to +60°C)
-------------	--------------------------------

MECHANICAL SPECIFICATIONS

Body Construction	16 Ga Mild Steel
Finish	Zinc Dichromate Plated & Powder Coated
Net Weight	HDE-11-VoIP 6.4 lbs (2.9 kg)
	HDE-1100-VoIP 6.8 lbs (3.1 kg)
	HDE-12-VoIP 7.0 lbs (3.2 kg)
	HDE-1200-VoIP 7.2 lbs (3.3 kg)
Shipping Weight	10.0 lbs (4.6 kg)
Shipping Dimensions (L x W x D)	16.0" x 10.5" x 9.5" (407 x 267 x 242 mm)
Mounting	Vertical Wall or Recessed
Wiring Access	HDE-11-VoIP & HDE-1100-VoIP – Two 7/8" Holes For Owner Supplied Fittings
	HDE-12-VoIP & HDE-1200-VoIP – One 7/8" Hole For Owner Supplied Fittings

Hardware Material	Stainless Steel
-------------------	-----------------

COMPLIANCE

FCC	Class A, UL 60950
-----	-------------------

SUPPORTED PROTOCOLS

- SIP
- HTTP Web base configuration
- DHCP Client
- TFTP Client
- RTP
- RTP/AVP Audio Video Profile
- Facilities auto provisioning configuration values on boot
- Audio Encodings
 - PCMU (G.711 Mu-law)
 - PCMA (G.711 A-law)
 - Packet Time 10mS

ORDERING INFORMATION

Warranty: One year parts and labor

Order No.	Description
P6995	HDE-11-VoIP Recessed/Single Emergency Call Button/Auxiliary Relay
P6996	HDE-1100-VoIP Recessed/Single Push To Call Button & 12 Digit Metal Keypad/Auxiliary Relay
P6997	HDE-12-VoIP Wall Mount/Single Emergency Call Button/Auxiliary Relay
P6998	HDE-1200-VoIP Wall Mount/Single Push To Call Button & 12 Digit Metal Keypad/Auxiliary Relay

Options

CC	Conformal Coated Circuit Board
MS	Mushroom Switch for HDE-11-VoIP or HDE-12-VoIP
BS	Blue Switch for HDE

Distributed by:



7552 - 10th Street N.E., Calgary, Alberta, Canada T2E 8W1
 Telephone: 403 258-3100 Facsimile: 403 253-4967
 1-800-363-8010 (North America)
 info@guardiantelecom.com
 www.guardiantelecom.com