TALKAPHONE
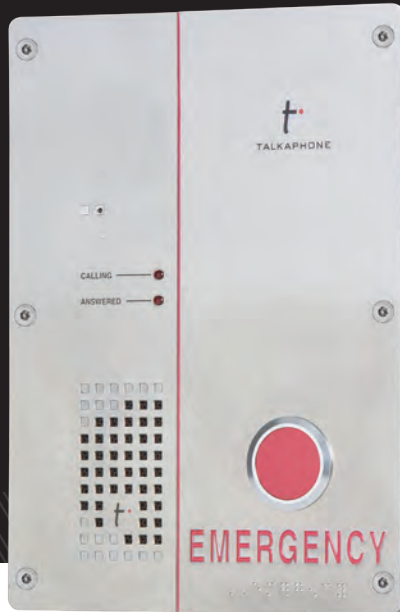

VOIP-500 SERIES IP CALL STATION

VOIP-500 SERIES OUTDOOR-RATED, ADA-COMPLIANT HANDS-FREE VOICE OVER IP (VOIP) CALL STATIONS GO BEYOND EMERGENCY COMMUNICATIONS WITH INTELLIGIBLE AUDIO PAGING, SILENT MONITORING AND ADVANCED SELF-DIAGNOSTIC AND REPORTING FEATURES.

FEATURES

- Exceptional sound clarity during conversation (over 90dB, configurable) and paging (over 100dB, configurable)
- Unit can be paged remotely as part of direct support from Singlewire Informcast IP Speaker Protocol, capable of alerting your audience through Cisco IP phones or by placing a call into the unit
- Ethernet connectivity and full IP compatibility with existing routers and LAN infrastructure
- Additional Layer 2 switch Ethernet port to provide a pass-through network connection for other devices (e.g. IP Video Cameras)
- Supports standard SIP protocol
- Configuration and firmware upgrades through Web GUI
- Power over Ethernet (PoE, 802.3af), 12V DC, 24V AC/DC
- Vandal resistant 316 marine grade stainless steel faceplate
- Two LED indicators for hearing impaired (calling, answered)
- Built-in auto-dialer can dial six numbers: if first number doesn't answer or is busy, dials next number
- Auto-answer allows security to monitor and initiate calls with the unit
- Automatically inform the attendant of an IP call station's location via recorded message
- Self-diagnostic testing of built-in buttons, microphone and speaker on schedule and fault reporting

	VOIP-500E- Single Button Native VoIP Emergency Call Station	VOIP-500C - Single Button Native VoIP Assistance Call Station
Construction:	0.086 in (2.13mm) #4 brushed 316 stainless steel faceplate	0.086 (2.13mm) #4 brushed 316 stainless steel faceplate
Dimensions (W x D x H):	Front Panel: 8.5 x 11.5 in. (216 x 292 mm)	Front Panel: 8.5 x 11.5 in. (216 x 292 mm)
	Back Box: 6.38 x 9.79 x 2.83 in. (162x 72 x 249 mm)	Back Box: 6.38 x 9.79 x 2.83 in. (162x 72 x 249 mm)
Weight:	5 lbs. (3.6 kg)	5 lbs. (3.6 kg)
Storage Temperature:	-40º F to +149º F (-40º C to +65º C)	-40º F to +149º F (-40º C to +65º C)
Operating Temperature:	-40º F to +131º F (-40º C to +55º C)	-40º F to +131º F (-40º C to +55º C)
Relative Humidity:	Up to 95% non-condensing	Up to 95% non-condensing
Protection:	IP66, Circuit board conformal coated	IP66, Circuit board conformal coated
Mounting:	Flush mount (surface mount options available)	Flush mount (surface mount options available)
Communication:	Full Duplex 2-way hands-free communication	Full Duplex 2-way hands-free communication
Digit Capacity:	Up to 30 digits, including pauses, for each of six phone numbers	Up to 30 digits, including pauses, for each of six phone numbers
Call Control Signaling:	SIP (RFC 3261 compliant)	SIP (RFC 3261 compliant)
Audio Codecs:	G.711 PCM a-Law @ 64kbps, G.711 PCM u-Law @ 64kbps, G.729a, G.723.1a	G.711 PCM a-Law @ 64kbps, G.711 PCM u-Law @ 64kbps, G.729a, G.723.1a
Power:	Nominal: +12VDC (500mA), +24VAC/DC (300mA), or PoE (+36VDC - 57VDC, 150mA)	Nominal: +12VDC (500mA), +24VAC/DC (300mA), or PoE (+36VDC - 57VDC, 150mA)
	Max: +12VDC (800mA), +24VAC/DC (500mA), or PoE (+36VDC - 57VDC, 250mA)	Max: +12VDC (800mA), +24VAC/DC (500mA), or PoE (+36VDC - 57VDC, 250mA)
	NOTE: If not connecting PoE, a dedicated line regulated power supply required.	NOTE: If not connecting PoE, a dedicated line regulated power supply required.
Auxiliary Contacts:	(3) Aux Inputs: dry contact, 10mA @ 8VDC	(3) Aux Inputs: dry contact, 10mA @ 8VDC
	(3) Aux Outputs: dry contact, 120mA @ 120VAC/DC	(3) Aux Outputs: dry contact, 120mA @ 120VAC/DC
Network:	10/100 BaseT Ethernet, RJ45 connectors, Cat 5e or better	10/100 BaseT Ethernet, RJ45 connectors, Cat 5e or better
Programming:	Non-volatile flash memory programming and configuration through Web GUI	Non-volatile flash memory programming and configuration through Web GUI
Configuration:	Static IP address provisioning and DHCP client. Monitoring via Syslog application	Static IP address provisioning and DHCP client. Monitoring via Syslog application
Self-Diagnostics:	Checks the status of built-in buttons, microphone, speaker, and optional WEBS® speaker array. The results are reported via email, phone call, or activation of auxilliary output interface.	Checks the status of built-in buttons, microphone, speaker, and optional WEBS® speaker array. The results are reported via email, phone call, or activation of auxilliary output interface.
Compliance:	FCC Part 15, Subpart B, Class A	FCC Part 15, Subpart B, Class A
	ANSI/UL Standard 60950-1 and 60950-22 certified to CAN/CSA Standard C22.2 No. 60950-1 and 60950-22	ANSI/UL Standard 60950-1 and 60950-22 certified to CAN/CSA Standard C22.2 No. 60950-1 and 60950-22

NOTE: Not all features of the VOIP-500 Series Phone are available when used in conjunction with analog telephony adaptor devices or with Public Switched Telephone Network (PSTN).

For example, the round robin dialing feature (See "VOIP-500 Configuration and Operation Manual", Section 4.5.1) and voice message functionality (See "VOIP-500 Configuration and Operation Manual", Section 4.7) of the VOIP-500 Series Phone may not operate as described in the manual when used in conjunction with equipment such as a Model VOIP-1-2-4-8 interface, 3rd party gateways, and/or PSTN interfaces such as T1, PRI, or loopstart trunks.

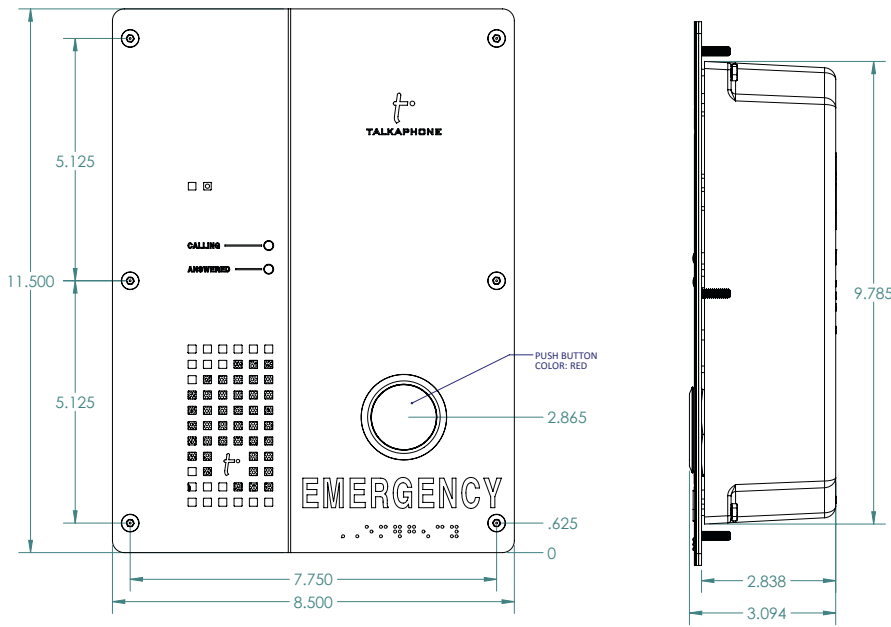|	VOIP-500EI – Dual Button Native VoIP Call Station	VOIP-500ECK – Native VoIP Keypad Call Station
Construction:	0.086 (2.13mm) #4 brushed 316 stainless steel faceplate	0.086 (2.13mm) #4 brushed 316 stainless steel faceplate
Dimensions (W x D x H):	Front Panel: 8.5 x 11.5 in. (216 x 292 mm) Back Box: 6.38 x 9.79 x 2.83 in. (162x 72 x 249 mm)	Front Panel: 8.5 x 11.5 in. (216 x 292 mm) Back Box: 6.38 x 9.79 x 2.83 in. (162x 72 x 249 mm)
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Protection:	IP66, Circuit board conformal coated	IP66, Circuit board conformal coated
Mounting:	Flush mount (surface mount options available)	Flush mount (surface mount options available)
Communication:	Full Duplex 2-way hands-free communication	Full Duplex 2-way hands-free communication
Digit Capacity:	Up to 30 digits, including pauses, for each of six phone numbers per button	Up to 30 digits, including pauses, for each of six phone numbers
Call Control Signaling:	SIP (RFC 3261 compliant)	SIP (RFC 3261 compliant)
Audio Codecs:	G.711 PCM a-Law @ 64kbps, G.711 PCM u-Law @ 64kbps, G.729a, G.723.1a	G.711 PCM a-Law @ 64kbps, G.711 PCM u-Law @ 64kbps, G.729a, G.723.1a
Power:	Nominal: +12VDC (500mA), +24VAC/DC (300mA), or PoE (+36VDC - 57VDC, 150mA) Max: +12VDC (800mA), +24VAC/DC (500mA), or PoE (+36VDC - 57VDC, 250mA) NOTE: If not connecting PoE, a dedicated line regulated power supply required.	Nominal: +12VDC (500mA), +24VAC/DC (300mA), or PoE (+36VDC - 57VDC, 150mA) Max: +12VDC (800mA), +24VAC/DC (500mA), or PoE (+36VDC - 57VDC, 250mA) NOTE: If not connecting PoE, a dedicated line regulated power supply required.
Auxiliary Contacts:	(3) Aux Inputs: dry contact, 10mA @ 8VDC (3) Aux Outputs: dry contact, 120mA @ 120VAC/DC	(3) Aux Inputs: dry contact, 10mA @ 8VDC (3) Aux Outputs: dry contact, 120mA @ 120VAC/DC
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Compliance:	FCC Part 15, Subpart B, Class A ANSI/UL Standard 60950-1 and 60950-22 certified to CAN/CSA Standard C22.2 No. 60950-1 and 60950-22	FCC Part 15, Subpart B, Class A ANSI/UL Standard 60950-1 and 60950-22 certified to CAN/CSA Standard C22.2 No. 60950-1 and 60950-22

DIMENSIONAL DRAWING

All dimensions are in inches and are provided for reference only.

FRONT VIEW

SIDE VIEW

BOTTOM VIEW

TALKAPHONE

THE LEADERS IN SECURITY AND LIFE SAFETY COMMUNICATIONS

OPTIONS & ACCESSORIES

Camera:

Add to Model:	Description:
3	Built-in miniature camera (e.g. VOIP-500E3)

Keypad:

Add to Model:	Description:
K	Keypad with emergency and call button (e.g. VOIP-500ECK)

Retrofit Alternative Manufacturer Towers:

Add to Model:	Description:
-GA	Faceplate fits Gai-tronics towers (e.g. VOIP-500E-GA)
-RH	Faceplate fits Rath Microtech towers (e.g. VOIP-500E-RH)
-RM	Faceplate fits Ramtel towers (e.g. VOIP-500E-RM)

NOTE: Retrofit models may differ in size, style, and appearance in order to fit existing housing

Custom Signage:

Custom signage is available, including Braille and silkscreen, in a variety of languages.