



TALKPHONE

# VOIP-200 SERIES COMPACT IP CALL STATION SYSTEM



WE'VE UNLOCKED THE POTENTIAL  
OF EMERGENCY COMMUNICATIONS.

WE'RE OPENING NEW DOORS  
WITH OPTIONAL SEAMLESS  
INTEGRATION BETWEEN CALL  
STATION AND ATTENDANT PHONE.

#### IP VIDEO ATTENDANT PHONE (GRANDSTREAM)

- Unit receives a basic pre-program to integrate easily with Talkphone VOIP-200 series and includes technical support
- Basic telephony features include: hold, transfer, call waiting, and call history
- Advanced telephony features (requires SIP-based PBX) include: forward, call park/pickup, 6-way audio conferencing, shared-call-appearance (SCA)/bridged-line-appearance (BLA), virtual MPK, boss-secretary virtual button, hot desking, flexible dial plan, and server redundancy & failover
- Supports up to thirty (30) VOIP-200 Series IP Call Stations

#### COMPACT IP CALL STATION

- Exceptional sound clarity during conversation (over 85dB, configurable)
- Additional Ethernet port to connect other devices
- Supports standard Session Initiation Protocol (SIP), RFC 3261
- Remote software upgrade, configuration and monitoring
- Power over Ethernet (PoE, 802.3af), local 19-27 VDC
- IP66 vandal resistant marine grade stainless steel faceplate
- LED indicator for the hearing impaired
- Built-in auto-dialer can dial up to six numbers: if first number doesn't answer or is busy, dials next number
- Compatible with Avaya and Cisco UCM
- Available in a variety of languages

#### IP VIDEO DOOR ENTRY STATION

##### All of the features of the Compact IP Call Station plus:

- ONVIF compliant wide-angle megapixel IP camera
- Dual-stream video at different frame rate and bandwidth
- Camera interoperates with a variety of VMS platforms

GENERAL SPECIFICATIONS	<b>VOIP-200 Series</b>
<b>Construction:</b>	<i>(0.09") (2.2mm) #4 brushed 316 stainless steel faceplate</i>
<b>Operating Temperature:</b>	<i>-40°F to +158°F (-40°C to +70°C)</i>
<b>Relative Humidity:</b>	<i>Up to 95% non-condensing</i>
<b>Protection:</b>	<i>IP66, vandal-resistant and water-resistant design</i>
<b>Communication:</b>	<i>Full duplex 2-way hands-free communication</i>
<b>Call Control Signaling:</b>	<i>SIP (RFC 3261 compliant), SIP INFO (DTMF), RFC 2833 (DTMF)</i>
<b>Power:</b>	<i>Power over Ethernet, IEEE 802.3af, Class 0 Local power 19-27 VDC, Idle 4W, Max. 8W</i>
<b>Auxiliary Contact:</b>	<i>One (1) Aux Output, dry contact Max Switching Current: 1.0A Max Switching Voltage: 125VAC, 60VDC Max Switching Power: 62.5VA, 30W Rated Load: 0.5A at 125VAC, 1.0A at 24VDC</i>
<b>Network:</b>	<i>10/100 BaseTX Ethernet, RJ45 connectors, Cat5e or better</i>
<b>IP Protocols:</b>	<i>IPv4, TCP, UDP, HTTPS, TFTP, RTP, RTCP, DHCP, SIP</i>
<b>LAN Protocols:</b>	<i>Power over Ethernet (IEEE 802.3af), VLAN (IEEE 802.1 pq), Network Access Control (IEEE 802.1 x), STP (IEEE 802.1 d), RSTP (IEEE 802.1 d-2004)</i>
<b>Programming:</b>	<i>Non-volatile flash memory programming and configuration through Web GUI</i>
<b>Management and Operation:</b>	<i>HTTPS (Web configuration), DHCP and static IP, remote automatic software upgrade, centralized monitoring, status LED</i>
<b>Audio Codecs:</b>	<i>G.711, G.722, G.729</i>


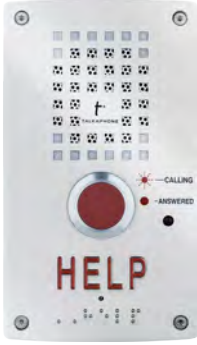




**AVM-1 (Grandstream GXV3275)**

**TALK-A-PHONE CO. LIMITED WARRANTY**

Talk-A-Phone Co. warrants Talk-A-Phone Emergency Phone, Wide-Area Emergency Broadcast System (WEBS®), and Area of Rescue equipment against any defects in material and workmanship, under normal use, for a period of twenty-four (24) months from date of installation, provided that Talk-A-Phone receives a completed "Installation Certification" certifying the date on which the system has been installed. An "Installation Certification" card is enclosed with every unit. In the event that no "Installation Certification" is received by Talk-A-Phone, the twenty-four (24) months will commence on the date of shipment by Talk-A-Phone. Warranty period for Models ETP-MT Tower, ETP-MT/R Radius Tower, WEBS-MT/R Radius Tower, WEBS-PM Pedestal Mount, and ETP-PM Pedestal Mount is five (5) years, under the same terms and conditions. Warranty period for Intercommunication Products is three (3) months, under the same terms and conditions. In the event this product is found by Talk-A-Phone to be defective within the warranty period, Talk-A-Phone's only obligation and your exclusive remedy, shall be the repair and/or replacement of any defective parts, provided the equipment is returned to Talk-A-Phone Co., 7530 N. Natchez Ave., Niles, IL 60714. It is expressly understood that Talk-A-Phone shall have no obligation to furnish labor, nor pay for the labor of any third parties, nor bear the expense of shipping defective products for repair. This warranty shall not apply if Talk-A-Phone determines that the defect was caused by improper use or installation, or damage caused to the equipment by others.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

		<b>Compact IP Call Station</b>	<b>Compact IP Help Station</b>
			
<b>Model:</b>		<b>VOIP-200C:</b> Flush mount configuration	<b>VOIP-200H:</b> Flush mount configuration
<b>Dimensions (W x H x D):</b>		3.7 x 6.38 x 2.38 in. (94 x 162 x 60 mm)	3.7 x 6.38 x 2.38 in. (94 x 162 x 60 mm)
<b>Dimensions After Flush Mount (W x H x D):</b>		3.7 x 6.38 x 0.4 in. (94 x 162 x 10 mm)	3.7 x 6.38 x 0.4 in. (94 x 162 x 10 mm)
<b>Model:</b>		<b>VOIP-201C:</b> Surface mount configuration	<b>VOIP-201H:</b> Surface mount configuration
<b>Dimensions (W x H x D):</b>		4.0 x 6.75 x 2.63 in. (101 x 171 x 66 mm)	4.0 x 6.75 x 2.63 in. (101 x 171 x 66 mm)
<b>Weight:</b>		2.2 lbs. (1.0 kg)	2.2 lbs. (1.0 kg)
		<b>IP Video Call Station</b>	<b>IP Video Help Station</b>
			
<b>Model:</b>		<b>VOIP-200C3:</b> Flush mount configuration	<b>VOIP-200H3:</b> Flush mount configuration
<b>Dimensions (W x H x D):</b>		4.0 x 8.39 x 3.1 in. (101 x 213 x 76 mm)	4.0 x 8.39 x 3.1 in. (101 x 213 x 76 mm)
<b>Dimensions After Flush Mount (W x H x D):</b>		4.0 x 8.39 x 0.4 in. (101 x 213 x 10 mm)	4.0 x 8.39 x 0.4 in. (101 x 213 x 10 mm)
<b>Model:</b>		<b>VOIP-201C3:</b> Surface mount configuration	<b>VOIP-201H3:</b> Surface mount configuration
<b>Dimensions (W x H x D):</b>		4.0 x 8.75 x 3.1 in. (101 x 222 x 76 mm)	4.0 x 8.75 x 3.1 in. (101 x 222 x 76 mm)
<b>Weight</b>		2.8 lbs. (1.3kg)	2.8 lbs. (1.3kg)
<b>Camera</b>	<b>Image Sensor:</b>	2.43 Megapixel, 1/2.8" SONY Exmor CMOS	2.43 Megapixel, 1/2.8" SONY Exmor CMOS
	<b>Total Pixels:</b>	2000 x 1241	2000 x 1241
	<b>Min. Illumination:</b>	0.1 lux / F2.0	0.1 lux / F2.0
	<b>Field of View:</b>	106.3° vertical, 67.4° horizontal	106.3° vertical, 67.4° horizontal
	<b>Lens:</b>	2.75 mm	2.75 mm
	<b>Frame Rate:</b>	30 fps, MJPEG, H.264	30 fps, MJPEG, H.264
	<b>Streaming:</b>	Dual-stream at different frame rate and bandwidth	Dual-stream at different frame rate and bandwidth
	<b>ONVIF Compliant:</b>	Yes	Yes
<b>Power (Camera Only)</b>	PoE class 3 (IEEE 802.3af) 12VDC 220mA	PoE class 3 (IEEE 802.3af) 12VDC 220mA	

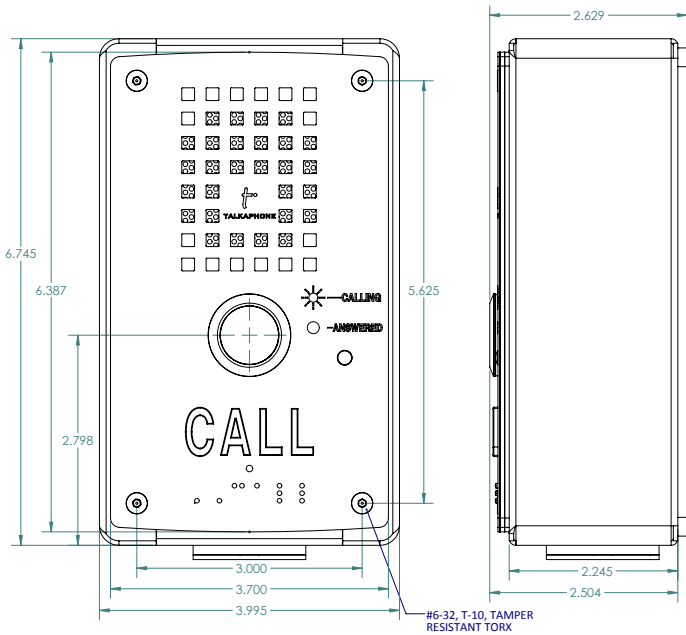
All specifications are subject to change without notice.

## GrandStream PBX System



<b>Model:</b>	<b>AVM-1 (Grandstream GXV3275): IP Video Attendant Phone</b>
<b>Dimensions (W x H x D):</b>	9.9 x 3.3 x 8.3 in. (252 x 84 x 211 mm)
<b>Weight:</b>	2.38 lbs. (1.08 kg)
<b>Operating Temperature:</b>	32°F to +104°F ( 0°C to 40°C)
<b>Relative Humidity</b>	10% to 90% non-condensing
<b>Mounting:</b>	Wall mountable. Integrated stand with two (2) adjustable angles.
<b>Communication:</b>	6-line IP video phone
<b>Feature Key</b>	Two (2) function keys VOLUME +/-, three (3) dedicated keys for HOME, MENU, and BACK
<b>Protocols/Standards</b>	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP
<b>Audio Codecs:</b>	Support for G.711μ/a, G.722 (wide-band), G.726-32, iLBC, Opus, G.729, in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC
<b>Power:</b>	Universal power adapter included: Input 100-240VAC, 50-60Hz; Output 12VDC, 1.5A (18W), Integrated PoE+ (Power over Ethernet) 802.3at, Class 4
<b>Additional Interface</b>	RJ9 headset jack (allowing EHS with Plantronics headsets), 3.5mm stereo headset with microphone, dual USB ports, SD, mini-HDMI
<b>Network Interface:</b>	Dual switched 10/100/1000 Mbps ports with integrated PoE
<b>Upgrade/Provisioning</b>	Firmware upgrade via TFTP/HTTP/HTTPS or local HTTP upload, mass provisioning using TR-069 or AES encrypted XML configuration file
<b>QoS</b>	Layer 2 QoS (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS
<b>Security</b>	User and administrator level passwords, MD5 and MD5-sess based authentication, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access control
<b>Wi-fi</b>	Integrated 802.11 b/g/n
<b>Graphic Display</b>	7-inch (1024×600) capacitive (5-point) touch screen TFT LCD
<b>Scalability</b>	Supports up to thirty (30) VOIP-200 Series IP Call Stations

**DIMENSIONAL DRAWING**



**FRONT VIEW**

**SIDE VIEW**

**VOIP-200C  
Shown**

**BASE MODELS**

VOIP-200 = Flush Mount (includes a rough-in box)

VOIP-201 = Surface Mount (enclosure comes standard painted black; custom colors available)

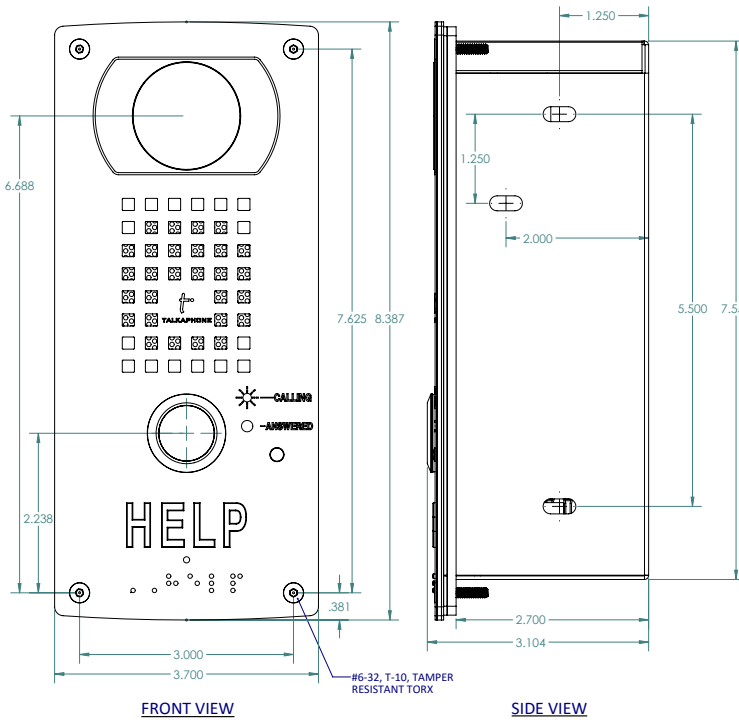
**OPTIONS**

**Signage:**

Add to Model:	Description:
<b>C</b>	Unit will come with CALL lettering (e.g. VOIP-200C)
<b>H</b>	Unit will come with HELP lettering (e.g. VOIP-201H)

**Camera:**

Add to Model:	Description:
<b>3</b>	Built-in miniature IP camera (e.g. VOIP-200C3)



**FRONT VIEW**

**SIDE VIEW**

**VOIP-200H3  
Shown**



**TALKAPHONE**

THE LEADERS IN SECURITY AND LIFE SAFETY COMMUNICATIONS

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