

Grandstream GXV3005 IP Videophone



Product Name: Grandstream GXV3005 IP Videophone

Manufacturer: Grandstream

Model Number: GXV3005

Grandstream GXV3005 Videophone

Please Note: The Grandstream GXV3005 Videophone has been discontinued. For an alternative, we recommended the Grandstream GXV3140 IP Multimedia Phone.

The Grandstream GXV3005 Videophone is ideal for face-to-face communication over any distance.

The Grandstream GXV3005 is based on the SIP standard and H.264 video codec and it is easy to use and manage and is designed to have broad interoperability with major 3rd party SIP products.

Grandstream GXV3005 Key Features

- Advanced H.264 video codec with video delivery at 32kbps to 1 Mbps
- Full duplex speakerphone with advanced acoustic echo cancellation
- Adjustable 5.6" TFT LCD & VGA camera allowing all viewing angles
- Multiple lines with rich functions including 3-way conference
- Security (TLS, SRTP) and privacy protection
- Zoom, auto-focus, auto exposure, anti-flickering
- Picture-in-picture, on-screen-display
- Dual 10/100Mbps auto-sensing Ethernet ports

The GXV3005 Videophone is a great way of communicating face to face thanks to its ease of use and affordability. The sleek design and advanced technology enables the GXV3005 to hold high-quality video conferences with excellent audio and picture quality.

The GXV3005 Videophone features the same design and all of the functionality as its sister model, the GXV3000; however its gifted with the advanced versatility of an FXO PSTN line port. The Grandstream GXV3005 Videophone's additional FXO/PSTN ports support calling over-and-between two networks (IP and PSTN network) from a single phone and offers a layer of security for IP video phone communication by providing the option of a PSTN life line for making voice calls if required.

Grandstream GXV3005 Videophone Technical Specifications

Lines

- 3 individual SIP accounts; 3 line buttons

Protocol Support

- Support SIP 2.0 (RFC3261)
- TCP/UDP/IP
- PPPoE
- RTP/RTCP
- SRTP by SDP
- HTTP/HTTPS
- ARP/RARP
- ICMP
- DNS, DHCP(client and server)
- NTP/SNTP
- TFTP
- Telnet

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- TLS

Network Interfaces

- Dual 10M/100M auto-sensing network ports
- Switch or router/NAT mode configurable

Graphic Display, Camera and Auxiliary Ports

- 5.6 inch TFT color LCD
- Advanced CMOS sensor (VGA resolution)
- RCA style stereo audio & composite video output jack. 1 headset jack, 2 USB ports

Feature Keys

- 8 dedicated keys: Message, Hold, Transfer, Conference, Speakerphone, Send, Mute/Del, Camera Block
- 5 display/menu navigation keys

Peripheral Interfaces

- Dual (2) 10/100Mbps auto-sensing Ethernet ports
- 2 USB host ports, 1 audio and 1 video jack (allow video output to LCD & TV simultaneously)
- Headset jack

Network and Provisioning

- Layer 2 (IEEE 802.111/p VLAN tagging)
- Layer 3 QoS (ToS, DiffServ, MPLS)
- Support automated NAT traversal (via STUN and symmetric RTP)
- Support automated and secure provisioning and software upgrade (via TFTP/HTTP) across firewall/NAT to enable "zero configuration" and "plug-and-dial" for end users
- Support remote device monitoring and events reporting using Syslog
- Support device configuration via LCD, Web browser or secure central secure configuration file
- Support fixed IP or DHCP

Video Features

- Powerful video DSP with advanced adaptive jitter control and packet delay/loss concealment technology to ensure superb audio and video quality
- Advanced real-time H.264 base line video codec (up to CIF/QVGA resolution and 30fps)
- High quality video delivery at 32kbps - 1Mbps bandwidth level (bit rate and frame rate configurable)
- High quality 5.6 inch TFT color LCD (allowing 2-dimensional view angle adjustment including 180 degrees vertical and nearly 300 degrees horizontal rotation)
- Advanced VGA resolution CMOS camera sensor (view angle adjustable)
- Anti-flickering, auto focus and auto exposure, zoom (optical and digital), PIP (Picture-in-Picture), audio mute and camera block (for privacy), on-screen-display, call log, video phone book
- Configurable screen-saver pictures, still picture capture/store/send, visual voice message indicator

Audio Features

- Full-duplex hands-free speakerphone with advanced acoustic echo cancellation (AEC) and AGC

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- G.723/.1, G.729A/B, G.711 u/A, G.726, GSM, G.722 (wide-band) with dynamic negotiation of codec and packet time
- In-band and out-of-band DTMF (in audio, RFC2833, SIP INFO)
- Silence suppression, VAD, CNG, side tone, adaptive jitter buffer control packet delay & loss concealment

Telephony Features

- Visual message/voice mail indicator, downloadable custom music ringtones
- Call Hold
- Call Transfer (attended/blind)
- Do-Not-Disturb
- Call Forward (no answer, busy, unconditional)
- Mute
- Caller ID/Name Display or Block
- Call Waiting
- Call Waiting Caller ID
- Redial
- Call log
- Volume control
- 3-way conferencing
- Support for anonymous call using privacy header
- Dial Plans
- Off-Hook Auto Dial
- Auto Answer
- Early Dial
- Speed Dial

Firmware Upgrades

- Support firmware upgrade via TFTP or HTTP/HTTPS with authentication verification
- Allow user to specify different URL for configuration file and firmware files

Advanced Server Functions

- Support DNS SRV look up and SIP server fail-over
- Customizable LCD screen via downloadable XML through HTTP/TFTP

Security

- DIGEST authentication using MD5/MD5-sess, secure configuration file via AES encryption
- SIP over TLS, SRTP

Power

- 100-240V input. +12VDC/1:2A output

Physical

- Black or Silver ABS plastic, 30 buttons (including 6 LED buttons)
- Open: 200mm x 215mm x 190mm
- Closed: 200mm x 215mm x 47.5mm
- 1.2kg

Temperature and Humidity

Grandstream GXV3005 IP Videophone

- 0 - 40°C
- 10 - 90% non-condensing

Compliance

- FCC
- CE
- C-Tick

Please Enquire

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