



# Grandstream GXV-3000



## Product Overview

Grandstream GXV-3000 is a next generation advanced IP video phone based on SIP and H.264 standard. Built upon Grandstream's innovative technology, GXV-3000 features superb audio and video quality, rich functions, ease of use, stylish exterior design, and highly attractive price.

*Innovative  
&  
Affordable  
IP Telephony*

GRANDSTREAM NETWORKS, INC.





# Grandstream GXV-3000

## Key Features

- Support SIP 2.0, TCP/UDP/IP, RTP/RTCP, HTTP/HTTPS, ICMP, ARP/RARP, DNS, DHCP (both client and server), NTP, PPPoE, TFTP, Telnet, TLS (pending), etc.
- Support dual 10M/100M auto-sensing Ethernet ports configurable to operate under either switch or router mode.
- Powerful video DSP with advanced adaptive jitter control and packet loss concealment technology to ensure superb audio and video quality;
- Support advanced H.264 base line real-time video codec (at CIF or QVGA resolution and up to 30 frames/second) to ensure highest quality video delivery at 32kbps -- 1Mbps bandwidth level (bit rate and frame rate configurable)
- Support various audio vocoders including G.711 A-/U-law, G.723.1, G.729A/B, G.726 (pending), GSM (pending), and wideband G.722 (pending) with dynamic negotiation of codec type and packet time
- Support popular voice features including 3 line indicators (each of which can be configured using independent SIP account), Caller ID/Name display or block, Hold, Call Waiting, Call Transfer, Call Forward (no answer, busy, unconditional), full duplex hands-free speaker phone with advanced acoustic echo cancellation (G.167), 3-way conference, Do-not-disturb, various DTMF options (in audio, RFC2833, SIP INFO), downloadable music ring tone, etc.
- Support advanced video features including a high quality 5.6-inch TFT color LCD (allowing 2-dimensional view angle adjustment including 180 degrees vertical rotation and nearly 300 degrees horizontal rotation), advanced VGA resolution CMOS camera sensor (view angle adjustable), anti-flickering, auto focus and auto exposure, zoom, PIP (Picture-in-Picture), audio mute and camera block (for privacy), call log, video phone book, configurable screen-saver pictures, still picture capture/store/send (VGA resolution), visual voice message indicator, intuitive graphic user interface enabled by 5 navigation buttons, etc.
- Support 2 USB (2.0) host ports, 1 audio and 1 video output jack (capable of outputting video to an external TV simultaneously), headset jack
- Support standard encryption and authentication using DIGEST (MD5 and MD5-sess) and AES
- Support secure signaling (SIP over TLS, pending) and secure voice/video communication (SRTP) (pending)
- Support layer-2 (802.1Q VLAN, 802.1p) and layer-3 (DiffServ, ToS) QoS
- Support automated NAT traversal without manual manipulation of firewall/NAT
- Support remote automated and secure provisioning and software upgrade through 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 central secure configuration file

## Hardware Specification

|                        |   |
|------------------------|---|
| Ethernet Port          | Dual 10M/100M auto-sensing Ethernet ports. Switch or router/NAT mode configurable |
| LCD                    | 5.6 inch TFT color LCD  |
| Camera                 | Advanced CMOS sensor (VGA resolution)   |
| Auxiliary Port         | RCA style stereo audio & composite video output jack, 1 headset jack, 2 USB ports |
| Exterior               | Black or Silver ABS plastic, 30 buttons (6 of which are LED buttons)              |
| Universal Power Supply | 100-240V input, +12VDC/1.2A output. US/Euro/UK/Australian style available         |
| Dimension              | 6.5cm x 18cm x 16cm   |
| Weight                 | 1.2kg   |
| Operating Temperature  | 0-40C   |
| Humidity               | 10-95% non-condensing   |
| Compliance             | FCC/CE/C-Tick (pending)   |

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