

## Grandstream GXP1628 Small Business HD IP Phone



Product Name: Grandstream GXP1628 Small Business HD IP Phone

Manufacturer: Grandstream

Model Number: GXP1628

### Grandstream GXP1628 Small Business HD IP Phone

The GXP1628 enhances any desktop with an efficient call environment, featuring a user-friendly interface and simple design. It includes a 132x48 backlit LCD screen, 2-line/SIP account keys, and 8 dual-color LCD BLF/speed-dial keys. With dual Gigabit ports and integrated PoE, the GXP1628 is adaptable to various deployment scenarios. Its built-in HD audio and 3 XML programmable soft keys offer additional customization and usability.

### Grandstream GXP1628 Key Features:

- 2 SIP accounts, 2 line keys, 3-way conferencing, 3 XML programmable context-sensitive soft keys

- HD audio on speakerphone and handset

- Dual-switched Gigabit ports, integrated PoE

Like all Grandstream IP phones, the GXP1628 is equipped with advanced security encryption technology (SRTP and TLS). It supports a range of automated provisioning options, including zero-configuration with Grandstream's UCM series IP PBXs, encrypted XML files, and TR-069, making mass deployment effortless.

### Efficient and User-Friendly Design

The GXP1628 offers an efficient call experience with its simple and easy-to-use interface, featuring a 132x48 backlit LCD screen, 2-line/SIP account keys, and 8 dual-color BLF/speed-dial keys. Its streamlined design makes it perfect for any desktop, providing essential features for smooth communication in a professional setting.

### Enhanced Connectivity and Audio

Equipped with dual Gigabit ports and integrated PoE, the GXP1628 ensures fast, reliable connections, making it suitable for a variety of deployment scenarios. The phone also includes HD audio for crystal-clear sound quality and 3 XML programmable soft keys, giving users the flexibility to customize their call experience for improved productivity.

### Secure and Easy Deployment

As with all Grandstream IP phones, the GXP1628 includes advanced security encryption (SRTP and TLS) to safeguard communications. It supports a range of automated provisioning options, such as zero-configuration with Grandstream's UCM series IP PBXs, encrypted XML files, and TR-069, making mass deployment easy and efficient for businesses.

### Grandstream GXP1628 Technical Specification

#### Protocols/Standards

- SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS (A record, S-RV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP, CDP/SNMP/RTCP-XR

#### Network Interfaces

- Dual switched auto sensing 10/100/1000 Mbps ethernet ports, integrated PoE

#### Graphic Display

- 132 x 48 backlit graphical LCD Display

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### Feature Keys

- 2 line keys with dual-colour LED and 2 SIP accounts
- 3 XML programmable content sensitive soft keys
- 5 navigation menu keys
- 8 BLF keys
- 13 dedicated function keys for:

- Mute
- Headset
- Transfer
- Conference
- Send
- Redial
- Speakerphone
- Message
- Hold
- Page/Intercom
- Record
- Home

### Voice Codecs

- Support for G.711µ/a, G.722 (wide-band), G.723, G.726-32, G.729 A/B, iLBC, in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC

### Telephony Features

- Hold, transfer, forward (unconditional/no-answer/busy), call park/pickup, 3-way conference, shared-call-appearance (SCA) / bridged-line-appearance (BLA), downloadable phone book (XML, LDAP, up to 1000 items), call waiting, call history (up to 200 records), off-hook auto dial, auto answer, click-to-dial, flexible dial plan, hot desking, personalized music ringtones, server redundancy & fail-over

### Headset Jack

- RJ9 headset jack (allowing EHS with Plantronics headsets)

### HD Audio

- Yes, HD Handset and speakerphone with support for wideband audio.

### Base Stand

- Yes, 2 angled positions available, wall mountable

### Wall Mountable

- Yes

### QoS

- Layer 2 QoS (802.1Q, 802.1P)

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• Layer 3 QoS (ToS, DiffServ, MPLS)

### Security

• User and administrator access control  
• MD5 and MD5-session based on authentication  
• 256-bit AES encrypted configuration file  
• TLS  
• SRTP  
• HTTPS  
• 802.1x media access control

### Multi-Language

• English, German, Italian, French, Spanish, Portuguese, Russian, Croatian, simplified and traditional Chinese, Korean, Japanese and more

### Upgrade/Provisioning

• Firmware upgrade via TFTP / HTTP / HTTPS, mass provisioning using TR-069 or AES, FTP/FTPS

### Power & Green Energy Efficiency

• Universal Power Supply Input 100-240VAC 50-60Hz; Output +5VDC, 600mA; PoE: IEEE802.3af Class 2, 3.84W-6.49W; IEEE802.3az (EEE)

### Physical

• Dimension - 220.5mm (L) x 192.5mm (W) x 76mm (H) (with handset)  
• Unit Weight - 0.8kg  
• Package Weight - 1.2kg

### Temperature and Humidity

• Operation: 0°C to 40°C, Storage: -10°C to 60°C, Humidity: 10% to 90% Non-condensing

### Package Content

• GXP1628 phone, handset with cord, base stand, network cable, Quick installation guide, brochure and GPL License

### Compliance

• FCC: Part 15 (CFR 47) Class B CE : EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1 RCM: AS/ACIF S004; AS/NZS CISPR22/24; AS/NZS 60950; AS/ NZS 60950.1

**Price: £49.30**

## Grandstream GXP1628 Small Business HD IP Phone

Options available for Grandstream GXP1628 Small Business HD IP Phone :

### **Need Product Setup / Training / Support?**

[Required - 1 Hour \(+£65.00\)](#), [Required - 30 minutes \(+£40.00\)](#), [Not Required](#).

### **Compatible Headsets**

[Grandstream GUV3000 HD USB headset \(+£35.00\)](#), [JPL Connect-1 monaural headset and disconnect cord \(+£65.20\)](#), [Grandstream GUV3005 HD USB headset with busy-light \(+£68.00\)](#), [JPLConnect-2 binaural headset and disconnect cord \(+£76.25\)](#), [Not Required](#).

### **Compatible Wireless Headsets**

[Plantronics CS540 EHS Wireless headset \(+£190.06\)](#), [Plantronics CS520 Binaural wireless EHS headset \(+£235.89\)](#), [Not Required](#).