Grandstream GXP2000 IP Phone

Product Name: Grandstream GXP2000 IP Phone
Manufacturer: -
Model Number: GXP2000

Please Note: Please note that the Aastra 6751i (51i) IP Phone has been discontinued. For an alternative, we highly recommend the Grandstream GXP2100

Grandstream GXP2000 IP Phone
The Grandstream GXP2000 IP Phone is a next generation, enterprise SIP telephone that is feature rich, easy to use, supports Power-over-Ethernet and is competitively priced.
Features of Grandstream GXP2000 IP Phone

ï¿½ Open Standards compatible with SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP, ARP, ICMP, DNS (A record and SRV), DHCP (both client and servers), PPPoE, TFTP, NTP and TLS
ï¿½ Advanced Digital Signal Processing (DSP), silence suppression, VAD, CNG, AEC and AGC giving superb audio quality
ï¿½ Custom Ring-tone Software converts most music files to a custom ring tone
ï¿½ Standard voice features including caller ID, call waiting, hold, transfer, forward, Intercom, shared call apperances, mute, headset, autodial, off hook dial and click to dial
ï¿½ Advanced Functionality in multi-line support, multi-party conferencing, line extensions, headset enabled, TLS SRTP (pending), multi-language support (MLS) and XML enabled

The GXP2000 IP Phone from Grandstream is expandable, secure and easy to manage and offers multiple lines, multiple SIP accounts, advanced functions, superior audio quality and interoperability with most SIP end user devices, IP PBX and Softswitches. The Grandstream GXP2000 IP Phone received the prestigious "2006 Internet Telephony Excellence Award" and the "2005 Product of the Year" award from the Internet Telephony Magazine.
It is ideal for small office and enterprise customers as well as service providers.
Grandstream GXP2000 IP Phone Technical Specifications
Protocols and Standards

ï¿½ SIP RFC3261
ï¿½ TCP/UDP/IP
ï¿½ PPPoE
ï¿½ RTP/RTCP
ï¿½ SRTR
ï¿½ HTTP/HTTPS
ï¿½ ARP/RARP
ï¿½ ICMP
ï¿½ DNS
ï¿½ DHCP
ï¿½ NTP/SNTR
ï¿½ TFTP
ï¿½ TLS
ï¿½ SIMPLE/PRESENCE
ï¿½ Support for up to 4 SIP accounts
ï¿½ Support for SIP PUBLISH method (RFC 3904), SIP Presence package (RFC 3856, 3863) for use of 7 MFKs and Grandstream GXP2000 IP PhoneEXT, SIP Dialog package (RFC 4235)
ï¿½ Support SIP MESSAGE method (RFC 3428) and up to 100 incoming IM messages

Network Interfaces

ï¿½ Two RJ45 10/100 Mbps auto-sensing

Grandstream GXP2000 IP Phone

ï¿½ Auto detect Ethernet polarity, allowing straight-through or twisted cable

Graphic Display

ï¿½ Back-lit 64 x 130 pixel graphical LCD display with 8 lines x 22 characters

Feature Keys

ï¿½ 4 direct lines with 7 speed dial keys
ï¿½ Up to 11 line calls (expandable to 112 lines with 2 daisy-chained Grandstream GXP2000EXT)
ï¿½ 8 dedicated keys: Message Button, Hold, Transfer, Conference, Speakerphone, Send, Mute/Del
ï¿½ 5 display/menu navigation keys, dual color LEDs

Voice Codec

ï¿½ Support for G.723.1 (6.3K/5.4K), G.729 A/B, G.711 u/A, G.726 (40K/32K/24K), G.722 (wide-band), GSM and iLBC

Telephony Features

ï¿½ Intuitive graphic user interface
ï¿½ Downloadble phone book (XML, LDAP)
ï¿½ Muti-language supportt (MLS)
ï¿½ Support customizable LCD screen via downloadable XML by HTTP/TFTP
ï¿½ Dynamic negotiation of codec and voice payload length
ï¿½ Call hold, call transfer (attended/blind), do-not-disturb, call forwarding, mute
ï¿½ Redial, call log and volume control
ï¿½ Caller ID display or block
ï¿½ Call waiting, call waiting caller ID
ï¿½ 3-way conferencing
ï¿½ Voice mail indicator
ï¿½ Downloadable custom ring tones
ï¿½ In-band and out-of-band DTMF (in audio, RFC2833, SIP INFO)
ï¿½ Support DNS SRV look-up and SIP server fail-over
ï¿½ Full-duplex hands-free speakerphone with Acoustic Echo Cancellation (AEC) and AGC
ï¿½ Off Hook Auto Dial, Auto Answer, Early Dial and Speed Dial
ï¿½ Adaptive jitter buffer control with packet delay and loss concealment

Audio

ï¿½ Advanced Digital Signal Processing (DSP)
ï¿½ Silence suppression, VAD, CNG, AEC and AGC giving superb audio quality

Headset Jack

ï¿½ 2.5mm Headset

QoS

ï¿½ Layer 2 (IEEE 802.1p/Q VLAN tagging)
ï¿½ Layer 3 QoS (ToS, DiffServ)

Security

Grandstream GXP2000 IP Phone

ï¿½ DIGEST authentication using MD5/MD5-sess, SIP over TLS and SRTP secure configuration file (AES)

Upgrades and Provisioning

ï¿½ Via keypad/LCD, Web browser or secure (AES encrypted) central configuration file
ï¿½ Support NAT traversal using STUN and symmetric RTP
ï¿½ Support static IP and DHCP
ï¿½ Support auto-provisioning via secure configuration file with authentication verification
ï¿½ Support NAT-friendly firmware upgrade via TFTP or HTTP
ï¿½ Allow user to specify different URL for configuration file and firmware files

Power & Green Energy Efficiency

ï¿½ Input: 100-240VAC 50-60 Hz Output: +5VDC, 1.2A, UL certified
ï¿½ Integrated (IEEE 802.3af)

Physical

ï¿½ 220mm x 215mm x 57mm
ï¿½ 0.82kg (1.8lbs)

Temperature and Humidity

ï¿½ 32-104°F / 0- 40°C
ï¿½ 10%-90% (non-condensing)

Compliance

ï¿½ FCC
ï¿½ CE
ï¿½ C-Tick

Note: Please refer to the Grandstream IP Phone Detailed Comparison Table for more information.

Grandstream IP Phones BriefComparison Table

Phone

Lines
Display
Prog. Hard Keys
Soft Keys
Ext. Module Support
PoE Support

Grandstream GXP2124

4
240 x 120 pixel

Grandstream GXP2000 IP Phone

24
4

Grandstream GXP2120

6
320 x 160 pixel
7
4

Grandstream GXP2110

4
240 x 120 pixel
18
3

Grandstream GXP2100

4
180 x 90 pixel
7
3

Grandstream GXP2000

4
130 x 64 pixel
7

Grandstream GXP1450

2
180 x 60 pixel

3

Grandstream GXP2000 IP Phone

Grandstream GXP1405

2
128 x 40 pixel

3

Grandstream GXP1400

2
128 x 40 pixel

3

Grandstream GXP1200

2
128 x 32 pixel

3

Grandstream GXP1105

1

3

Grandstream GXP1100

1

3

Grandstream GXP285

1
128 x 32 pixel

Grandstream GXP2000 IP Phone

3

Grandstream GXP280

1
128 x 32 pixel

3

Please Enquire

Options available for Grandstream GXP2000 IP Phone :

Power Supply Unit
Default - UK 5V Power Supply Unit (PSU),   Euro (2-pin 5V) Power Supply.