












GRANDSTREAM GXP2140

A versatile Enterprise IP Phone



A versatile Enterprise IP phone, the GXP2140 is a Linux-based device that includes 4 lines, 5 XML programmable soft keys, and 5-way conferencing. A 4.3-inch color LCD screen and HD audio allow for a crisp display and high quality calls. The GXP2140 comes equipped with Bluetooth, USB and EHS capabilities for flexibility. The phone also comes pre-loaded with weather & currency exchange apps. Add up to four GXP2200EXT modules to view an additional 160 lines, and customize your language for global use.

Features			
	<p>4 lines, with up to 4 SIP accounts, 4 dualcolored line keys</p>		<p>Electronic Hook Switch (EHS) support for Plantronics</p>
	<p>Dual switched auto-sensing 10/100/1000Mbps Gigabit network ports</p>		<p>Automated provisioning options include TR-069 and XML config files</p>
	<p>Supports the GXP2200 EXT Module for up to 160 speed dial/BLF contacts</p>		<p>TLS and SRTP security encryption technology to protect calls and accounts</p>
	<p>Built-in Bluetooth for syncing headsets and mobile devices for contact books, calendars & call transferring</p>		<p>Built-in USB ports for importing/exporting data</p>
	<p>HD audio to maximize audio quality and clarity, full-duplex speakerphone</p>		<p>5-way audio conferencing for easy conference calls</p>
	<p>Built-in PoE to power the devices and give it a network connection</p>		

Specifications

Protocols/Standards

SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, TELNET, TFTP, NTP, STUN, SIMPLE, LLDP, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6

Network Interfaces

Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE

Graphic Display

4.3-inch (480x272) TFT color LCD

Bluetooth

Yes, Bluetooth V2.1

Feature Keys

4 line keys with up to 4 SIP accounts, 5 programmable context-sensitive soft keys, 5 navigation/menu keys, 11 dedicated function keys for: MESSAGE (with LED indicator), PHONEBOOK, TRANSFER, CONFERENCE, HOLD, HEADSET, MUTE, SEND/REDIAL, SPEAKERPHONE, VOL+, VOL-

Voice Codecs

Support for G.729A/B, G.711 μ /a-law, G.726, G.722 (wide-band), and iLBC, in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO)

Auxiliary Ports

RJ9 headset jack (allowing EHS with Plantronics headsets), USB, extension module port

Telephony Features

Hold, transfer, forward, 5-way conference, call park, call pickup, shared-call-appearance (SCA)/bridged-line-appearance (BLA), downloadable phonebook (XML, LDAP, up to 2000 items), call waiting, call log (up to 500 records), customization of screen, off-hook auto dial, auto answer, click-to-dial, flexible dial plan, hot desking, personalized music ringtones and music on hold, server redundancy and fail-over

Sample Applications

Weather, currency, news, XML

HD Audio

Yes, both on handset and speakerphone

Extension Module

Yes, can power up to 4 GXP2200EXT modules which feature a 128x384 graphic LCD, 20 quick-dial/BLF keys with dual-color LED, 2 navigation keys, and less than 1.2W power consumption per unit.

Base Stand/Wall Mountable

Yes, allow 2 angle positions

QoSs

Layer 2 (808.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS

Security

User and administrator level passwords, MD5 and MD5-session based authentication, AES-based secure configuration file, SRTP, TLS, 802.1x media access control

Multi-language

English, Arabic, Chinese, Croatian, Czech, Dutch, German, French, Hebrew, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Slovenian, Spanish, Turkish

Upgrade/Provisioning

Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using TR-069 or encrypted XML configuration file.

Power and Green Energy Efficiency

Universal power adapter included: Input: 100-240V; Output: +12V, 1.0A; Integrated Power-over-Ethernet (802.3af) Max power consumption: 6W (without GXP2200EXT), 10W (with 4 cascaded GXP2200EXTs)

Physical

Dimension: 228mm (W) x 206mm (L) x 46.5mm (H);
Unit weight: 0.98kg; Package weight: 1.55kg

Temperature and Humidity

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

Package Content

GXP2140 phone, handset with cord, base stand, universal power supply, network cable, Quick Start Guide

Compliance

FCC: Part 15 (CFR 47) Class B; EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN 60950-1, EN62479 AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, RoHS; UL 60950 (power adapter)