



## **XP0101G IP Phone**

### **2-line HD SIP desktop phone with liquid crystal display (LCD)**

The Xorcom XP Series of IP phones provides high definition (HD) sound quality and a comprehensive range of traditional business and VoIP features to the enterprise desktop. The XP0101G is a cost-effective **2-line HD SIP phone** that allows corporate users to communicate in a simple, convenient and reliable manner.

## **General**

Chipset	DSPG
Flash memory	8MB
SRAM memory	32MB
Dimensions (W*D*H*T; handset on cradle, stand attached)	197mm*200mm*158mm*50mm
Weight (handset on cradle,stand attached)	
Temperature	-10~50°C
Humidity	10-95%
Power consumption(approx.)	1.09-3.2W

## **Connections**

LAN (PC port)	10/100/1000 Mbps Ethernet
WAN (Internet port)	10/100/1000 Mbps Ethernet
Adapter	Input : AC 100-240V Output : DC 5V/600mA
PoE(802.3af) built-in	√
PoE(802.3af) class	Class 2
Handset(RJ-9)	√
Headset(RJ-9)	√
Foot stand	√
Wall mounting	√
Expansion module	×

## **User interface**

Display type	2.3" 132×64 graphic LCD
LCD Backlight	√
Hard keys in all	39
DSS keys	6
Soft keys	4
Navigation keys	6
Volume key	√
	9
Fixed feature keys	(Call/History/Message/Headset/Conf/Hold/Mute/Tran/ Redial/Handsfree)
Power and ring indicator	√

LED	
DSS keys with dual color LED	√
Message indicator LED	√
Headset indicator LED	√
External device	
XP0020 Expansion module	x
EHS36 wireless headset adapter	x
YHS32 headset	√
<b><u>Voice</u></b>	
HD voice	HD Speaker HD Handset
Wideband codec	G.722
G.711 A-law/μ-law	√
G.726	√
G.723.1	x
G.729AB	√
HAC (Hearing aid compatibility)	√
VAD (Voice activity detection)	√
CNG (Comfort noise generator)	√
AEC (Acoustic echo canceling)	√
PLC (Packet loss concealment)	√
AJB (Adaptive jitter buffer)	√
AGC (Automatic gain control)	√
Side tone	√
Quality of Service(QoS)	802.1p/Q, ToS/DSCP

**Telephony features**

SIP Accounts	2
Hands-free speakerphone	Full Duplex
Redial	√
Auto redial	√
Mute	√

3-way conferencing	√
Caller ID display	√
Call hold	√
Call waiting	√
Call transfer(blind/attended)	√
Call forward	√
Call History(all/missed/received/dialed/forwarded)	100 entries
DND	√
SMS	√
Voice mail	√
Message waiting indicator(MWI)	√
Speed Dial	√
Ringtone selection	√
Volume control	√
Import of individual ringtone	√
Tone setting	√
Local Phonebook	1000 entries
Phonebook import/export	√
Phonebook search	Intelligent search method
Black list	√
Phone lock (keypad lock)	√
LCD display logo	√
# or * key as Send function	√
Hotline	√
Localized language	√
Reset to factory	√
View Voice Mail	√
Headset (Call center mode)	√
Zero-SP-Touch	√

### **IP PBX and IP Centrex features**

BLF (Busy Lamp field)	√
BLA (Bridged Line Appearance)	√

Paging	√
Intercom	√
Call park	√
Call pickup	√
Call completion	√
Call recording	√
Anonymous call	√
Anonymous call rejection	√
Auto answer	√
Emergency call	√
Call return	√
Group pickup	√
Group listening	√
Distinctive Ringtone	√
Music on hold(via PBX)	√
Music on hold(via sever)	√
Dial Plan	√
PUSH XML	x

### **Network and Time**

WAN Static	√
IP/DHCP/PPPoE	√
PC port mode	Bridge
DHCP server for PC port	√
SNTP/NTP	√
Setup date and time by manual	√
Daylight saving time	√
IPv6	ICMPv6, Static
DNS Cache	√
VLAN	Autoconfiguration through DHCP/LLDP
Action URL& Action URI	√
Multicast IP Paging	√

### **Security**

HTTPS (server/client)	√
TLS (Transport Layer Security)	√
SRTP (RFC3711)	√

AES for auto-provision	√
3-level privilege	Admin/VAR/User

### **Web Interface**

Embedded web server	HTTP/HTTPS
Edit phonebook via web	√
Send SMS via web	√
Dial via web	√
Web logout	√

### **Management (config/upgrade)**

Configuration via LCD	√
Configuration via web	√
Configuration via autoprovision	√
Automatic firmware update	√
Manual firmware update	√
Auto provisioning via LCD	√
Auto provisioning via Web	TFTP/FTP/HTTP/HTTPS
Auto provisioning with PnP	√
TR-069	√
Redundancy Server	√
SNMP	√
Provisioning redirection (via phone)	√
Package tracing export	√
System log export	√

### **SIP**

SIP v1 (RFC2543)	√
SIP v2 (RFC3261)	√
UDP/TCP/TLS	√
Out-of-band DTMF(RFC 2833)	√
In-band DTMF	√
SIP INFO DTMF	√
STUN client (NAT traversal)	√
Rport (RFC3581)	√

Digest/basic authentication	Digest (MD5)
Peer-to-peer SIP link mode	√
Loose routing and strict routing support	√
PRACK (RFC3262)	√
Error-information support	√
Reliability of provisional responses (RFC3262)	√
DNS SRV (RFC3263), redundant server support	√
Offer/answer (RFC3264)	√
Message Waiting Indication (RFC3842)	√
Subscription for MWI events (RFC3265)	√
Dialog-state monitoring(RFC 4235)	√
REFER (RFC3515)	√
Event list subscription support (RFC4662)	√

**Advanced features**

XML phonebook (Central)	√
XML browser	√
Hot-desking	√
OpenVPN	√
802.1x	√
LDAP phonebook	√
Soft key programmable	√

**Broadsoft Advanced Features**

Network Conference	√
Network Call Logs	√
Auto-P synchronization	√
DND & Forward synchronization	√
BLF List	√
Call Forward	√
Call Pickup	√
Call Park	√

Call Center Features	√
Contacts	√
Meet-me conference	√
Alert-Info	√
BroadWorks Anywhere	√
Sequential Ring	√
Simultaneous Ring	√
Personal	
Anonymous Call	√
Anonymous Call Rejection	√
Remote Office	√

**CosmoCom Advanced Features**

ACD	√
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**Other features**

Certification	CE/FCC
Broadsoft Validated	√
Asterisk/Digium	√
Certificated	

**Packing**

Giftbox size	224mm*236mm*130mm
PCS/CTN	10 PCS
Carton measure	675mm*468mm*250mm