

XP0121G IP Phone**6 Line HD SIP desktop phone with liquid crystal display (LCD)**

| General | |
|---|--|
| Chipset | Broadcom |
| Flash memory | 128MB |
| SRAM memory | 64MB |
| Dimensions (W*D*H*T; handset on cradle, stand attached) | 230mm x 222mm x 170mm x 55mm |
| Weight (handset on cradle, stand attached) | |
| Temperature | -10~50°C |
| Humidity | 10-95% |
| Power consumption(approx.) | 0.98 ~3.87W |
| Connections | |
| LAN (PC port) | 10/100/1000Mbps Ethernet |
| WAN (Internet port) | 10/100/1000Mbps Ethernet |
| Adapter | Input : AC 100-240V Output : DC 5V/2A |
| PoE(802.3af) built-in | √ |
| PoE(802.3af) class | Class 2 |

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|------------------------------|---|
| Handset(RJ-9) | √ |
| Headset(RJ-9) | √ |
| Foot stand | √ |
| Wall mounting | √ |
| Expansion module | 6 |
| User interface | |
| Display type | 3.66" 240×120 graphic LCD |
| LCD Backlight | √ |
| Hard keys in all | 39 |
| DSS keys | 21 |
| Soft keys | 4 |
| Navigation keys | 6 |
| Volume key | √ |
| Fixed feature keys | 8 (Menu/Message/Headset/Hold/ Mute/Tran/Redial/Handsfree) |
| Power and ring indicator LED | √ |
| DSS keys with dual color LED | √ |
| Message indicator LED | √ |
| Headset indicator LED | √ |
| External device | |

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|---------------------------------|--------------------------|
| XP0020 Expansion module | √ |
| EHS36 wireless headset adapter | √ |
| YHS32 headset | √ |
| Voice | |
| 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 | |

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| SIP Accounts | 6 |
| 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 | √ |

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| 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 | √ |

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| 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 | √ |
| Network and Time | |
| WAN Static IP/DHCP/PPPoE | √ |
| PC port mode | Bridge |
| DHCP server for PC port | √ |
| SNTP/NTP | √ |

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| 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) | |

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| 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 | √ |

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| 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) | √ |

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| 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 | Custom/Enterprise/Personal/ Common/Search/Speed Dial |
| Meet-me conference | √ |
| Alert-Info | √ |
| BroadWorks Anywhere | √ |

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|-----------------------------------|-----------------------|
| Sequential Ring | √ |
| Simultaneous Ring Personal | √ |
| Anonymous Call | √ |
| Anonymous Call Rejection | √ |
| Remote Office | √ |
| CosmoCom Advanced Features | |
| ACD | √ |
| Other features | |
| Certification | CE/FCC |
| Broadsoft Validated | √ |
| Asterisk/Digium Certificated | √ |
| Packing | |
| Giftbox size | 250mm x 255mm x 132mm |
| PCS/CTN | 5 PCS |
| Carton measure | 680mm x 260mm x 267mm |
| N.W | |
| G.W | |