

The Giganet X5 IP Phone is a high-end enterprise desktop phone which comes with an intelligent DSS Key-mapping LCD to increase enterprise users' productivity at a cost-effective price.

## FEATURES

|   |
|---|
| Phonebook (500 entries)                 |
| Remote Phonebook (XML/LDAP)             |
| Call log (300 entries, in/out/missed)   |
| Black/White List Call Filtering         |
| Voice Message Waiting Indication (VMWI) |
| Programmable DSS/Soft keys              |
| Network Time Synchronization            |
| Action URL / Active URI                 |



## AUDIO

|  |
|--|
| HD Voice Microphone/Speaker (Handset/Hands-free, 0 ~ 7KHz Frequency Response)  |
| Wideband ADC/DAC 16KHz Sampling  |
| Narrowband CODEC: G.711a/u, G.723.1, G.726-32K, G.729AB  |
| Wideband CODEC: G.722  |
| Full-duplex Acoustic Echo Canceller (AEC) – Hands-free Mode, 96ms tail-length  |
| Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR) |
| Packet Loss Concealment (PLC)  |
| Dynamic Adaptive Jitter Buffer up to 300ms   |
| DTMF: In-band, Out-of-Band – DTMF-Relay(RFC2833) / SIP INFO  |

## CALL FEATURES

|  |
|--|
| Call out / answer / reject                 |
| Mute / Unmute (microphone)                 |
| Call Hold / Resume                         |
| Call Waiting                               |
| Intercom                                   |
| Caller ID Display                          |
| Speed Dial                                 |
| Anonymous Call (Hide Caller ID)            |
| Call Forwarding (Always/Busy/No Answer)    |
| Call Transfer (Attended/Unattended)        |
| Call Parking/Pick-up (depending on server) |
| Redial/Auto-Redial                         |
| Do-Not-Disturb (per line / per phone)      |
| Auto-Answering (per line)                  |
| Voice Message (on server)                  |

## GENERIC

|   |
|---|
| 6 SIP Lines                                       |
| HD Voice  |
| POE Enabled                                       |
| 2 LCDs (Main + DSS)                               |
| Handset(HS) / Hands-free(HF) / Headphone(HP) mode |
| Intelligent DSS Keys                              |
| Desktop / Wall-mount installation                 |
| Optional External Power Supply                    |
| Economical and Environmental friendly package     |
| Industrial Standard Certifications: CE/FCC        |

## PRODUCT INFORMATION

| Part Number | Product Description |
|-------------|---------------------|
| GN-X5       | Giganet X5 IP Phone |

## NETWORK

Physical: 10/100/10/100/1000Mbps(X5G) Ethernet, dual bridged port for PC bypass

IP Configuration: Static / DHCP / PPPoE

Network Access Control: 802.1x

VPN: L2TP (Basic Unencrypted) / OpenVPN

VLAN

QoS

## PROTOCOLS

SIP2.0 over UDP/TCP/TLS

RTP/RTCP/SRTP

STUN

DHCP

PPPoE

802.1x

L2TP (Basic Unencrypted)

OpenVPN

SNTP

FTP/TFTP

HTTP/HTTPS

TR069

## PHYSICAL SPECIFICATIONS

Main LCD x1: 128x64 dot-matrix with backlit

DSS Key-mapping LCD x1: 64x192 dot-matrix

Keypad: 38 keys, including

4 Soft-keys

3 Function keys

4+1 Navigation keys + OK

12 Standard Phone Digits keys

3 Volume Control keys, Up/Down/Mute(Microphone)

1 Hands-free key

8 DSS Keys with tri-color LED

1 Page-Switch (PS) key with tri-color LED

1 Page-Jump/Configuration (PJC) key

HD Hands-free Speaker (0 ~ 7KHz) x1

HD Hands-free Microphone (0 ~ 7KHz) x1

HD Handset (RJ9) x1

Standard RJ9 Handset Wire x1

1.5M CAT5 Ethernet Cable x1

RJ9 Phone Jacket x2: Handset x1, Headphone x1

RJ45 Ethernet Jacket x2: Network x1 (802.3AF POE Class 2 Enabled),

Main Chipset: Broadcom

DC Power Input: 5V/1A

Power Consumption: (X5) Idle ~ 1.3W, Peak ~ 4.3W

Working Temperature: 0 ~ 40°C

Working Humidity: 10 ~ 65%

Dual-Functional Back Rack x1: Desktop Stand / Wall-mount

Color: Black

Package Dimensions: 285x270x65mm (W x H x L)

## Deployment & Maintenance

Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR069

Web Management Portal

Web-based Packet Dump

Configuration Backup/Restore

Auto/Manual Online Software Upgrade

Syslog