

# **GIGABIT & COLOR**

GIGABIT IP PHONE

# **306GBC**



**IP PHONE** THE FUTURE

# IP PHONE THE FUTURE



## Phone Features

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3 SIP accounts  
Call hold, mute, DND  
One-touch speed dial, hotline  
Call forward, call waiting, call transfer  
Redial, call return, auto answer, direct IP call,  
5-way conferencing  
XML Browser, action URL/URI  
Group listening, SMS, emergency call  
Ring tone selection/provisioning  
Set date time automatically or manually  
Dial plan per account  
RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)

## Voice Codecs Features

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HD voice: HD handset, HD speaker  
Codecs: iLBC, G.722, G.711(A/μ),  
GSM\_FR, G.723, G.729AB, G.726-32  
DTMF: In-band, RFC 2833, SIP INFO  
Full-duplex hands-free speakerphone with AEC  
VAD, AGC, CNG, AEC, PLC, AJB

## Directory

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Local phonebook up to 1000 entries  
XML/LDAP remote phonebook  
Intelligent search method  
Phonebook search/import/export  
Call history: dialed/received/missed/forwarded  
Black list

## IP-PBX Features

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Busy Lamp Field (BLF), bridged Line  
Appearance(BLA)  
Anonymous call, anonymous call rejection  
Message Waiting Indicator (MWI) , voice mail  
Call park, call pickup  
Intercom, paging  
Music on hold  
Hot-desking

## Display and Indicator

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2.8" 320x240-pixel color display with backlight  
16 bit depth color  
LED for call and message waiting indication  
Dual-color (red or green) illuminated  
LEDs for line status information  
Intuitive user interface with icons and soft keys  
Wallpaper, national language selection  
Caller ID with name, number and photo

## Feature keys

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6 line keys with LED  
6 line keys can be programmed up to  
20 various features (4-page view)  
8 features keys: voice mail, headset, mute,  
speaker, conference, hold, transfer, redial,  
4 context-sensitive "soft" keys  
6 navigation keys ,volume control keys  
Illuminated speaker key/headset key/mute key

## Interface

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Dual-port Gigabit Ethernet  
Power over Ethernet (IEEE 802.3af), class 3  
1xRJ9 (4P4C) handset port  
1xRJ9 (4P4C) headset port

## Physical Features

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Stand with 2 adjustable angles  
Wall mountable  
External universal AC adapter :  
AC 100~240V input and DC 5V/1.2A output  
Power consumption (PSU): 1.8~4.4W  
Power consumption (PoE): 2.3~5.3W  
Operating humidity: 10~95%  
Operating temperature: -10~50℃

## Management

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Configuration: browser/LCD-Menu/auto-provision  
Auto provision via HTTP/HTTPS FTP/TFTP  
Auto-provision with PnP  
Reset to factory, restart, reboot  
Local tracing log export, system log  
Phone lock for personal privacy protection

## Network and Security

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SIP v1 (RFC2543), v2 (RFC3261)  
SIP server/proxy redundancy  
NAT Traversal: STUN mode  
DHCP/static/PPPoE/IEEE802.1X/open VPN  
HTTP/HTTPS web server  
Time and date synchronization by SNTP  
DNS-NAPTR/DNS-SRV(RFC 3263)  
QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP  
TLS(Transport Layer Security), SRTP  
HTTPS certificate manager  
AES encryption for configuration file  
Digest authentication using MD5/MD5-sess