

# DINSTAR



## G280/G280P

***Enterprise Entry Level Color  
Display and Wideband HD Audio***

## G280/G280P



### Key Features

- HD Voice
- Up to 6 SIP Accounts
- 30 Line keys
- 5-way Conference
- 2.8" 320x240 pixel TFT LCD with Backlight
- Dual-port Gigabit Ethernet
- Handset with hall switch
- Power over Ethernet
- Support EHS wireless headset (Plantronics, Jabra, Sennheiser)
- Full Compatible with 3CX, Asterisk, Yeastar, Xorcom, VoIP.ms, Broadsoft, FreeSWITCH Platform etc.

### Benefits

#### High Quality Audio

The full duplex speaker and microphone system and the Digital Signal Processor (DSP) ensure that the G280/G280P delivers high audio quality. Whether you use the hands-free speakerphone or the handset, you will always have good experience and crystal-clear call quality.

#### Good Compatibility

Based on RFC3261, the G280/G280P has been tested to ensure good compatibility with leading IP telephony system and equipments. The G280/G280P not only supports Dinstar UC/IPPBX products, also supports many third-party IPPBXs such as 3CX, Asterisk, Yeastar, Xorcom, VoIP.ms and so on.

#### Rich visual Experience

The G280/G280P is an entry-level IP phone, and the G280/G280P features a 2.8" high-resolution color TFT display with backlight, which takes visual effects to a new level. The freely programmable multi-color function keys provide users with a high degree of usability. Each function key can be configured for various one-touch phone functions such as speed dial, busy lamp field, etc.

Model	Screen	Network	PoE Support	Power Adapter
G280	2.8" Color Screen	10/100/1000Mbps	x	√
G280P	2.8" Color Screen	10/100/1000Mbps	√	Optional

## Call Features

- 6 SIP Accounts
- Call Waiting
- Call Forward
- Blind/attended transfer
- Call hold, Call mute, DND mode
- Speed Dialing, Hotline
- Redial, Call Return
- Auto-redial, Auto-answer
- Dial Plan
- 5-way conference
- Peer Dialing

## Phone Features

- Adjustable Voice Volume
- Selectable Ring Tones
- XML Browser
- Action URL/URI
- Keyboard lock
- Programmable DSS keys
- Phonebook: 1,000 Groups
- Blacklist: 100 Groups
- Call Log: 100 Logs
- Support 5 Remote Phonebook URLs
- LDAP
- Support Multiple Languages
- Support EHS wireless headset(Plantronics, Jabra, Sennheiser)

## IP-PBX Features

- SMS, Voicemail, MWI
- Music On-hold, Intercom, Multicast
- Call Pickup, Call Pickup in Group
- Anonymous Call
- Anonymous Call Rejection

## Audio

- HD Voice
- Wideband Codec: G.722, OPUS-WB
- Narrowband Codec: PCMA, PCMU, G.729A/B, G.723.1, G.726, AMR, OPUS, iLBC
- Echo Cancellation/Dynamic Jitter
- Voice Activity Detection (VAD)
- Comfort Noise Generation (CNG)
- Full-duplex Speaker

## Protocols & Standards

- SIP v1 (RFC2543), SIP v2 (RFC3261)
- SIP over TLS, SRTP
- TCP/IP/UDP
- RTP/RTCP, RFC2198, RFC1889
- HTTP/HTTPS/FTP/TFTP
- ARP/RARP/ICMP/NTP/DHCP
- DNS SRV/ A Query/NATPR Query
- STUN, Session Timer (RFC4028)
- DTMF: In-Band, RFC2833, SIP INFO
- LLDP
- 802.1X, OpenVPN

## Management




- Auto provisioning:  
FTP/TFTP/HTTP/HTTPS/PnP
- Configuration via HTTP/HTTPS web
- SNMP,TR069
- Network capture
- NTP/Daylight saving time
- Firmware upgrade via web
- Syslog
- Configuration backup/restore
- Equipment Management System (NMS)

## Physical Features

- Color 2.8" High resolution screen (320x240)
- Dimensions(approx.):  
202\*193\*34mm(WxHxD) without foot stand
- Weight(approx.): device 550g, foot stand 50g
- Input voltage: 5Vdc
- Power supply: PoE or 5Vdc power adapter
- Power consumption: 1.8W
- PoE IEEE802.3af
- Handset: 4P4C, RJ9
- Headset: 4P4C, RJ9
- Extended interface: 6P6C, RJ12
- Environmental conditions:  
Operation temperature: 0°C ~ 45°C  
Storage Temperature: -10°C ~ 60°C  
Humidity: 10% to 90% (non-condensing)
- 2xRJ45 10/100/1000M Ethernet Ports
- Wall Mountable

## Shenzhen Dinstar Co., Ltd.

Add: Floor 18, Building 7A, Vanke Cloud City  
Phase 1, Xingke 1st Street, Xili Sub-district,  
Nanshan District, Shenzhen, P.R. China 518000

 +86 755 61919966  
 [www.dinstar.com](http://www.dinstar.com)  
 [sales@dinstar.com](mailto:sales@dinstar.com)