



X210 Enterprise IP Phone

The Farvill X210 IP Phone is a high-end enterprise desktop phone. Featuring 2 side color displays for DSS key dynamic management, X210 help enterprise users substantially increase work efficiency.

Highlights

- ☑ 2 integrated side color displays for DSS key dynamic management. With three page-buttons at bottom for page switching, the side displays allow to set up to 96 DSS keys for BLF, speed dial functions etc. With 10 DSS keys in total on main display, there are up to 106 DSS keys available
- ☑ High-resolution 4.3" main TFT color display delivers a rich visual experience.
- ☑ Built-in Bluetooth for connecting Bluetooth headset
- ☑ Support Wi-Fi dongle for Wi-Fi connectivity
- ☑ Gigabit Ethernet with PoE enabled.
- ☑ EHS support
- ☑ Compatible with major platforms: 3CX, Asterisk, Broadsoft, Elastix, Zycoo etc.



Model	Screen	Network	PoE	Power adapter
X210	4.3 color-screen	10/100/1000Mbps	✓	—

Generic

- 20 SIP Lines
- HD Voice
- Support receiving Video call
- POE Enabled
- 3 LCDs (Main + DSS)
- Handset / Hands-free / Headset mode
- Intelligent DSS Keys
- Optional External Power Supply

Video

- Video codec: H.264
- Video call resolution: QCIF / CIF / VGA

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
- Do-Not-Disturb
- Auto-Answering
- Voice Message (on server)
- 3-way Conference
- Hot Line
- Hot desking

Phone Features

- Local Phonebook (2000 entries)
- Remote Phonebook (XML/LDAP, 2000 entries)
- Call logs (in/out/missed, 1000 entries)
- Black/White List Call Filtering
- Screen saver
- Voice Message Waiting Indication (VMWI)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Built-in Bluetooth 2.1: Support Bluetooth headset
- Support Wi-Fi Dongle
- Support Plantronics wireless headset (Through Plantronics APD-80 EHS Cable)
- Support Jabra wireless headset (Through Fanvil EHS20 EHS Cable)
- Support Recording (Through Flash Drive or Server Recording)
- Action URL / Active URI
- uaCSTA

Audio

- HD Voice Microphone/Speaker (Handset/Hands-free, 0 ~ 7KHz Frequency Response)
- HAC handset
- Wideband ADC/DAC 16KHz Sampling
- Narrowband CODEC: G.711a/u, G.723.1, G.726-32K, G.729AB, AMR, iLBC
- Wideband CODEC: G.722, AMR-WB, Opus
- Full-duplex Acoustic Echo Canceller (AEC)
- 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

Networking

- Physical: 10/100/1000 Mbps Ethernet, dual bridged port for PC bypass
- IP Mode: IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- QoS
- RTP-XR(RFC3611), VQ-RTCPXR(RFC6035)

Deployment & Maintenance

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/ SIP PNP/TR-069
- Web Management Portal
- Web-based Packet Dump
- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products.

For more information, please visit : www.fanvil.com

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- LLDP
- PPPoE
- 802.1x
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

Physical Specifications

- Main LCD x1: 4.3 inch (480x272) color-screen LCD
- DSS Key-mapping LCD x2: 3.5 inch (320x480) color-screen LCD
- Keypad: 77 keys, including
 - 4 Soft-keys
 - 6 Function keys (Hold, Call forward, Phonebook, MWI, Headset, Redial)
 - 4 Navigation keys
 - 1 OK key
 - 1 Return key
 - 12 Standard Phone Digits keys
 - 3 Volume Control keys, Up/Down/Mute (Microphone)
 - 1 Hands-free key
 - 42 DSS Keys with tri-color LED
 - 3 Page-Switch (PS) key
- HD Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT5 Ethernet Cable x1
- Back Rack x1
- RJ9 Port x2: Handset x1, Headset x1
- RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
- USB2.0 Port x1: Standard A, Connect with Wi-Fi USB dongle or Flash Driver
- DC Power Input: 5V/2A
- Power Consumption (POE): 2.6~ 9W
- Power Consumption (Adapter): 2.4~8W
- Working Temperature: 0~40°C
- Working Humidity: 10~95%
- Installation: Desktop Stand
- Color: Black
- Device Dimensions: Desktop Stand (angles 1): 309 x 214 x 187mm
Desktop Stand (angles 2): 309 x 226 x 167mm
- Gift Box Dimensions: 325 x 287 x 66mm
- Outer CTN Dimensions: 595 x 355 x 355mm (10 PCS)

Compatibility List:



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Add: 4F, Block A, Building 1#, GaoXinQi Hi-Tech Park (Phase-II), 67th District, Bao'An, Shenzhen, China 518101
Tel: +86-755-2640-2199 Fax: +86-755-2640-2618 Email: sales@fanvil.com

