

Fanvil X210 SIP Phone Data Sheet



High definition voice, a large number of programmable DSS and line keys, built-in Bluetooth and optional Wi-Fi connectivity make the X210 a great fit for any type business.

FEATURE HIGHLIGHTS

- 3-way Conference, Transfer, Hold
- 4.3" Main Color Display and Two 3.5" Side Displays
- 10 Programmable Keys and 4 Dynamic Soft Keys on the Home Screen
- 16 Programmable Keys on Screens 2 and 3
- HD Audio on Handset and Speakerphone
- Built-in Bluetooth for Connecting a Headset
- RJ9 Headset Jack (Supports EHS Headset)
- USB-A 2.0 for USB Dongle/Flash Drive
- Two Gigabit Ports
- Integrated PoE
- Supports IPv4 and IPv6 Protocols
- Stand with Adjustable Angle of 40° or 50°
- Wi-Fi Connectivity (via Optional Wi-Fi Dongle)



SET FEATURES

- 3 Color LCDs (1 Main + 2 DSS)
- 20 SIP Lines
- Action URL / Active URI
- Call Filter, Blacklist / Whitelist
- Call Log (In/Out/Missed, 1000 entries)
- Desktop Stand
- DSS Keys with Idle / Busy / Ringing LED Indication
- Handset / Hands-free / Headset Mode
- Headset Support
 - Bluetooth Headset (Built-in Bluetooth 2.1)
 - Jabra Wireless Headsets (Requires Fanvil EHS20 EHS Cable)
 - Plantronics Wireless Headsets (Requires Plantronics APD-80 EHS Cable)
- HD Voice
- Message Waiting Indication (MWI)
- Network Time Synchronization
- Optional External Power Supply
- Phone Functions Supported by ICONnect Server
- Phonebook - Personal (2000 Entries) and Company (XML/LDAP, 2000 Entries)
- PoE Enabled
- Programmable DSS / Soft Keys
- Screen Saver
- Wi-Fi Dongle (Optional)

CALL FEATURES

- Auto-answer
- Anonymous Call (Hide Caller ID)
- Call Forward (Always / Busy / No Answer)
- Call Hold / Resume
- Call Park / Pick-up
- Call Transfer (Attended / Unattended)
- Call Waiting
- Caller ID Display
- Conference Call (3-way Conference)
- Do Not Disturb (DND)
- Hot Line
- Intercom
- Make Call / Answer Call / Reject Call
- Mute / Unmute (Microphone)
- Redial
- Speed Dial
- Voice Message Indication

AUDIO FEATURES

- DTMF: In-band, Out-of-Band – DTMF-Relay (RFC2833) / SIP INFO
- Dynamic Adaptive Jitter Buffer up to 300 ms
- Full-duplex Acoustic Echo Cancellation (AEC)
- Hearing Aid Compatible (HAC) Handset
- HD Voice Microphone / Speaker (Handset / Hands-free, 0 ~ 7 KHz Frequency Response)

- Narrowband Codec: G.711a/u, G.723.1, G.726-32K, G.729AB, AMR, iLBC
- Packet Loss Concealment (PLC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR)
- Wideband ADC / DAC 16KHz Sampling
- Wideband Codec: G.722, AMR-WB, Opus

NETWORK

- IP Configuration: Static IP / DHCP / PPPoE
- IP Mode: IPv4 / IPv6 / IPv4 & IPv6
- LLDP
- Network Access Control: 802.1x
- Physical: 10 / 100 / 1000 MBPS Ethernet, Dual Bridged Port for PC Bypass
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- VLAN
- VPN: L2TP / OpenVPN

PROTOCOLS

- 802.1x
- DHCP
- FTP / TFTP
- HTTP / HTTPS
- IPv6
- L2TP
- LLDP
- OpenVPN
- PPPoE
- RTP / RTCP / SRTP
- SIP 2.0 over UDP / TCP / TLS
- SNTP
- STUN
- TR-069
- uaCSTA

DEPLOYMENT & MANAGEMENT

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

PHYSICAL SPECIFICATIONS

- 1.5 M CAT5 Ethernet Cable x 1
- Back Rack (Desktop Stand) x 1
- Color: Dark Gray
- Device Dimensions:
 - Desktop Stand (40°Angle): 309 x 214 x 187 mm



- Desktop Stand (50° Angle): 309 x 226 x 167 mm
- HD Handset (RJ9) with Handset Wire x 1
- Keypad: 77 Keys, Including:
 - 1 Hands-Free Key
 - 1 OK Key
 - 1 Return Key
 - 3 Page-Switch Keys
 - 3 Volume Control Keys (Up / Down/ Mute Mic)
 - 4 Navigation Keys
 - 4 Soft Keys
 - 6 Function Keys (Hold, Forward, Phonebook, Mute, Headset, Redial)
 - 12 Dial Pad Keys
 - 42 DSS Keys with Tri-color LED
- Main LCD x 1: 4.3 inch (480 x 272) color-screen LCD
- Power
 - DC Power Input: 5V / 2A
 - Power Consumption (PoE): 2.6 W ~ 9 W
 - Power Consumption (Optional AC Adapter): 2.4 W ~ 8 W
- RJ9 Port x 2: Handset x 1, Headset x 1
- RJ45 Port x 2: Network x 1, PC x 1
- Secondary LCDs: x 2: 3.5 inch (320 x 480) color-screen LCD
- USB 2.0 Port x 1: Standard A, Connect with Wi-Fi USB Dongle or Flash Driver
- Working Humidity: 10% ~ 95%
- Working Temperature: 0° ~ 45°

About ICON Cloud Solutions

ICON specializes in cloud and customer-premises based voice, video, alert and unified communications platforms.

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