Visualization

Paging Console Phone

X210i

X210i is a visualization paging console phone for industry customer. It is equipped with a gooseneck microphone and supports HD hands-free calling. With intelligent programmable DSS buttons, you can set up a one-click call function to improve communication efficiency. It is compatible with the standard SIP protocol and can be used as a monitoring center or host for office manager with functions such as make calls for external & internal phones, two-way intercom, monitoring, and broadcasting. The X210i improves the management efficiency and emergency response capabilities.

Highlights

- 20 SIP lines, 3-way conference, hotspot
- HD audio on speakerphone and handset
- Movable type Directional External Gooseneck Microphone
- 4.3” main color display, 2x3.5” side color displays for DSS keys
- Built-in Bluetooth
- Wi-Fi connectivity(Via Wi-Fi dongle)
- Up to 106 DSS keys(42 tri-colored physical keys)
- Video Codec H.264 support for receiving video calls
- Dual Gigabit ports, integrated PoE
- Stand with 2 adjustable angles of 40 and 50 degrees
- Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.

Specification

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

Phone Features
Local Phonebook (2000 entries)
Remote Phonebook (XML/LDAP, 2000 entries)
Call logs (In/out/missed, 1000 entries)
Black/White List Call Filter
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

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)

Do-Not-Disturb

Auto-Answering

Voice Message (On server)

3-way Audio Conference

Hot Line

Hot desking

Video & Audio

Video codec: H.264

Video call resolution: QCIF / CIF / VGA

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.729A/B, 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) / Automatic Gain Control (AGC)

Packet Loss Concealment (PLC)

Dynamic Adaptive Jitter Buffer up to 300ms

DTMF: In-band, Out-of-Band – DTMF-Relay(RFC2833) / SIP INFO

Network

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

RTCP-XR(RFC3611),VQ-RTCPXR(RFC6035)

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

AES128 & AES256

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

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
Gooseneck Microphone x1: Directional microphone Frequency response: 20Hz~20KHz SNR: ≥60 dB.1kHz at 1 Pa
Back Rack x1
Gooseneck MIC Port x1: Gooseneck Microphone 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: 0~45°C
Working Humidity: 10~95%
Installation: Desktop Stand
Color: Dark gray
Device Dimensions: Desktop Stand (Angles 1): 309 x 214 x 187mm Desktop Stand (Angles 2): 309 x 226 x 167mm
Gift Box Dimensions: 323 x 301 x 71mm
Outer CTN Dimensions: 624 x 383 x 348mm (10 PCS)