Crexendo CX 275

The Crexendo CX 275 is a great entry-level cloud based IP phone with 3 Session Initiation Protocol (SIP) accounts. It features industry standard PoE (Power over Ethernet), so no power cable or outlets are required. It has a full duplex speaker-phone, dual Ethernet Ports, five-way conference calling, high definition voice quality, and built in Virtual Private Network (VPN) capability. Users can now control complicated features directly from their phones -no need to remember feature codes. Applications driven by DSS keys include (but not limited to) busy lamp field, call park, do not disturb, call forward, call record, speed dial, multi-cast paging etc.

Phone Features
3 VoIP accounts
Call hold, mute, DND
One-touch speed dial, hotline
Call forward, call waiting, call transfer
Redial, call return, auto answer
3-way conferencing
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)
XML Browser
Action URL/URI

Voice Codecs Features
HD voice: HD handset, HD speaker
Codecs: iLBC, G.722, G.711(A/µ), 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
Caller ID with name and number

IP-PBX Features
Busy Lamp Field (BLF)
Anonymous call, anonymous call rejection
Hot-desking
Message Waiting Indicator (MWI)
Voice mail
Intercom, paging
Call park, call pickup
Music on hold
Call recording

Directory
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

Display and Indicator
2.7" 192 x 64 pixel graphical LCD display with backlight
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
National language selection

Feature keys
3 line keys with LED
Up to 12 feature keys (3-page view) for custom feature assignments
5 feature keys: message, mute, redial, headset, speaker
4 context-sensitive "soft" keys
6 navigation keys
Volume control keys
Illuminated speaker key
Illuminated headset key
Illuminated mute key

Interface
Dual-port 10/100M Ethernet
Power over Ethernet (IEEE 802.3af), class 2
1xRJ9 (4P4C) handset port
1xRJ9 (4P4C) headset port
1x USB port (2.0)

Physical Features
Stand with 2 adjustable angles
Wall mountable
External universal AC adapter : AC 100~240V input and DC 5V/1.2A output
Power consumption (PSU): 1.3~3.0W
Power consumption (PoE): 1.7~3.8W
Operating humidity: 10~95%
Operating temperature: -10~50℃

Management
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
SIP v1 (RFC2543), v2 (RFC3261)
SIP server/proxy redundancy
NAT Traversal: STUN mode
DHCP/static
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
IEEE802.1X
TLS(Transport Layer Security)
SRTP
Open VPN
HTTPS certificate manager
AES encryption for configuration file
Digest authentication using MD5/MD5-sess