A Westelcom Solution

Digital Forest Line | **Cedar+**

The **Teo Cedar+** is a high-end enterprise IP phone for users who need to get access to flexible and advanced features to handle medium to high call volumes in their daily work. Ideal for front desk or executive level personnel.

- Featuring 10 DSS keys on
- 4.3” main color display
- Up to 96 DSS keys
- HD audio
- Built-in Bluetooth
- PoE and GigE

Partner Logo

Contact us today at PartnerContactEmail@PartnerURL.com

Visit www.PartnerURL.com or call 555.987.6543
123 Partner Street Name, Suite 456, Partner City, PS 78910

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Cedar+ is designed for business managers and busy office professionals to streamline communication and enhance collaboration with its HD voice, 20 SIP lines, up to 106 DSS keys, Built-in Bluetooth, Wi-Fi connectivity, IP camera / SIP video door phone integration, codec H.264 support for receiving video calls and more!

HIGHLIGHTS

- 20 SIP lines, 3-way conference, hotspot
- HD audio on speakerphone and handset
- 4.3" main color display, 2x3.5" side color displays for DSS keys
- Built-in Bluetooth
- WiFi connectivity (Via WiFi 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.

GENERAL

- 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

PHONE FUNCTIONS

- Local Phonebook (2000 entries)
- Remote Phonebook (XML/LDAP, 2000 entries)
- Call logs (In/Out/Missed, 1000 entries)
- Black/White List Call Filtering
- Screensaver
- Voice Message Waiting Indication (VMWI)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Support WiFi 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
- Built-in Bluetooth 2.1: Support Bluetooth headset

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 Forward (Always/Busy/No Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (Depending on server)
- Redial
- Do-Not-Disturb
- Auto-Answering
- Voice Message (With server)
- 3-way Conference
- Hot Line
- Hot desking

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VIDEO

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

AUDIO

- HD Voice Microphone/Speaker (Handset/ Hand-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

NETWORK

- Physical: 10/100/1000 Mbps Ethernet, dual bridged port for PC bypass
- IP Mode: IPv4 / IPv6 / IPv4 & IPv6
- IP Configuration: Static IP / DHCP / PPoE
- 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
- PPoE
- 802.1x
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

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, MWI, Headset, Redial)
  - 4 Navigation keys
  - 1 OK key
  - 1 Return key
  - 12 Standard Phone Digits keys
  - 3 Volume Control keys (Up/Down/Mute Mic)
  - 1 Hands-free key
  - 42 DSS Keys with tri-color LED
  - 3 Page-Switch (PS) keys
- HD Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CATS 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 WiFi USB dongle or Flash Driver
- DC Power Input: 5V/2A
- Power Consumption (PoE): 2.6W~9W
- Power Consumption (Adapter): 2.4W~8W
- Working Temperature: 0~45°C
- Working Humidity: 10~95%
- Installation: Desktop Stand
- Color: Dark gray
- Device Dimensions:
  - Desktop Stand (Angle 1): 309x214x187 mm
  - Desktop Stand (Angle 2): 309x226x167 mm
- Gift Box Dimensions: 323x301x71 mm
- Outer CTN Dimensions: 624x383x348 mm (10 PCS)

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