

PAGING CONSOLE PHONE



M-50



M-50 VISUALIZATION PAGING CONSOLE PHONE

M-50 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 inter-com, monitoring, and broadcasting. The M-50 improves the management efficiency and emergency response capabilities

MODEL	SCREEN	NETWORK	P0E	Power Adapter
M-50	4.3 Color Screen	10/100/1000 Mbps	√	—

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 adjust

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.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

FEATURES

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 Recoabra wireless headset (Through Fanvil EHS20 EHS Cable)
- √ Support Recording (Through Flash Drive or Server Recording) Action

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
- √ 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 & AES2

GENERIC

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

VIDEO

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

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
- √ 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
- √ 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

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.



Compatibilty list

