



MOCET Smart Office IP Deskphone

IP3072



Features

- Elegant innovative design with the latest technologies
- Complete VoIP and networking protocol support
- 4.3" color LCD with resistive touch screen
- HD audio chamber design in handset and speakerphone
- 6 SIP lines with support up to 24 call appearances
- Multimedia coprocessor for music, video, and picture applications
- Extensive IP networking support including VLAN, VPN, and IPv6
- Supports up to 2 IP-EDMX programmable button modules
- Asterisk, Freeswitch, Metaswitch and Broadsoft interoperability
- XML SDK for custom applications and user experience programming
- Support IP camera* for video applications
- Support wireless 802.11 b/g/n bridge* for wireless network connection

The MOCET IP3072 is an easy-to-use smart office IP deskphone. It supports six lines and 24 call appearances to satisfy even the busiest users. Utilizing a next generation resistive touch 4.3" LCD screen and capacitive sensitivity control panel design, the touch-based user interface simplifies even the most complicated calling features. The IP3072, it can be positioned with multiple tilt angles with a wall mount option as well, has a built-in two port Gigabit Ethernet switch with Class 2/3 power over Ethernet (PoE) support, and eight programable keys. The IP3072 can be automatically provisioned from a local or Internet based server using the built-in MOCET auto-provisioning and management protocols.

The IP3072 supports many advanced features including call hold, transfer, forwarding, 3-way conferencing, MWI, CWI, music-on-hold (MOH), do not disturb (DND), and auto-answer and is compliant with industry-standard SIP protocols and many servers including those based on Metaswitch™, Broadsoft™, Freeswitch™ and Asterisk™. Therefore, the IP3072 can be deployed and used anywhere there is a suitable local area network (LAN) with Internet access and a local or remotely hosted SIP server. The IP3072 contains multiple processors to allow it to perform multiple phone calls and advanced music and video playback, streaming video, monitor IP surveillance cameras, send and receive instant messages and emails, and access and display XML-based apps and more.

* To use IP camera related applications, you must use the specified IP camera from MOCET.

* To use wireless network connection, you must use the specified wireless 802.11 b/g/n bridge from MOCET.

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Display

- Resistive touchscreen
- 4.3 inch TFT LCD (480x272 pixels)
- Graphic user interface
- Wallpaper changeable
- Brightness adjustable
- Line and Phone status indication icons
- Date and time
- English language support

LED

- 1 message waiting indication LED
- 1 handset LED to indicate urgent call and link failure
- 8 programmable keys with LEDs
- Function key LEDs for speaker, mute, hold and headset

Configuration and Management

- Embedded Web (HTTP Server) for management
- Auto-provisioning, security, encryption support
- Remote and local configuration and upgrade through FTP, TFTP and HTTP server
- Engineering trace log
- Asterisk, Freeswitch, Metaswitch and Broadsoft interoperability

Audio

- Codecs: G.711(A-law and u-law), G.722, G.723.1*, G.726, G.729A/B*, LINPCM256
- Individual volume settings with visual indication for handset, headset, hand-free and ringer
- Voice activity detection (VAD)
- Comfort noise generation (CNG)
- Acoustic gain and echo cancellation (AGC, AEC)
- Adaptive jitter buffers and packet loss concealment (PLC)
- DTMF tone generation (RFC2833, in-band and SIP-INFO)
- Near full-duplex speakerphone

Network

- IETF SIP V2 (RFC3261)
- STUN NAT, DHCP, TFTP, Telnet, DNS, SNTP, HTTP, SNMPv2
- IPv4 and IPv6 protocol
- Security: IEEE 802.1x, HTTPs, TLS, SSL, SRTP, SIPS, VPN IPsec
- Instant messaging: SIMPLE
- Support XML based applications
- Email: POP3 & SMTP protocols

Call Features

- 6 lines appearances
- 3-way conference
- Caller ID with picture, call timer, CLIP/CLIR
- Call hold, call transfer(blind and attended), call forward, call waiting with indicator tones
- Music on hold, speed dial, redial
- Distinctive incoming call treatment
- DND, BLF

Applications

- Alarm clock
- Calendar
- World clock
- MemoPad
- Voice recorder
- Painting board
- Answering machine
- Digital photo frame player
- Multimedia player
- File manager
- XML browser
- SIMPLE-based instant messaging with text, picture, and multi-media support
- Video application: preprogrammed call party, door phone and surveillance

I/O Ports

- Two 10/100/1000M Ethernet RJ-45 ports for LAN and PC
- Built-in auto sensing IEEE802.3af PoE with a slide Class2/3 switch control
- Two RJ-9 ports for handset and headset
- One DC jack port for power adapter
- One EDM port for extended dial module
- One USB1.1 type A port for keyboard
- One MicroSD card slot

Conformance

- FCC Class B and CE Class B
- Safety: U/L and LVD
- Environment: RoHS and WEEE

Optional Accessories

- IP-WMKX: wall mount kit
- IP-EDMX: extended dial module
- PA-5V2A: AC/DC power adapter (5V/2A)
- WR211N: wireless 802.11 b/g/n Ethernet bridge/router

Physical Specification

- Weight of product: 930g
- Dimension: 233 x 200 x 45 mm
- Operating temperature: 0°C to 40°C (32°F to 104°F); Storage temperature: -20°C to 60°C (-4°F to 140°F)
- Operating relative humidity(non-condensing): 15% to 85%
- Warranty: 1 year

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