



MOCET Standard IP Deskphone Series

IP3032 / IP3032-E / IP3032-W



Features

- Elegant innovative design with the latest technologies
- Complete VoIP and networking protocol support
- Blue-green 128 x 32 pixels LCD display with backlight
- HD audio chamber design in handset and speakerphone
- 4 SIP lines with 8 call appearances
- 8 programmable keys with LEDs
- 3 tilt angles of stand
- Extensive IP networking support including VLAN, VPN, and IPv6
- Asterisk, Freeswitch, Metaswitch and Broadsoft interoperability
- Built-in two ports 10/100M Ethernet and a headset port (IP3032-E only)
- Wireless 802.11 b/g/n network connection support (IP3032-W only)

The MOCET IP3032 series are easy-to-use high quality deskphones with many advanced features including support for secure calling with trusted layer security (TLS) and secure real-time transfer protocol (SRTP), a built-in IP security (IPSEC) virtual private network (VPN) client, and instant messaging capabilities. Utilizing a next generation capacitive touch sensitivity panel design, the IP3032 series supports up to four simultaneous lines and can be positioned in multiple tilt angles and has a wall mount option as well as automatic support for power over Ethernet (PoE)*. The IP3032 series can be configured through the simple built-in menus displayed on the blue-green backlit LCD or from the phone's web user interface. The IP3032 series can be automatically provisioned from a local or Internet based server using the built-in MOCET auto-provisioning and management protocols.

The IP3032 series supports many advanced features including 3-way on-phone conferencing, can transfer and receive calls using industry-standard SIP protocols, and can provide built-in music-on-hold (MoH) over IP network. The IP3032 series are interoperable with a wide range of SIP services and servers including those based on Metaswitch™, Broadsoft™, Freeswitch™ and Asterisk™. Therefore, the IP3032 series 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.

* Note: IP3032-W do not support power over Ethernet (PoE)

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Display

- Graphic LCD display (128x32 pixels) with blue-green backlit
- Brightness and contrast adjustable
- Line status indication icon
- Date and time
- English language support

LED

- 1 message waiting indication LED
- 1 handset LED to indicate urgent call and link failure
- 2 line status LEDs
- 8 programmable keys with LEDs
- Functional key LEDs for speaker, mute, hold and line group or headset

Keypad

- 12 numeric keys
- 4 sensitive soft keys
- 5 sensitive navigation keys
- 2 sensitive line keys
- 8 programmable keys
- 11 functional keys for speaker, mute, line group or headset, hold, transfer, conference, message, phonebook, redial and volume up / down

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.726-32, G.729A/B, iLBC
- Individual volume settings with visual indication for handset, 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, XMPP

Call Features

- 4 lines appearances
- 3-way conference
- Caller ID, 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
- Do not disturb (DND)
- Busy lamp field (BLF)

I/O Ports

- One 10/100M Ethernet RJ-45 port for LAN
- One 10/100M Ethernet RJ-45 port for PC (IP3032-E only)
- Built-in auto sensing IEEE802.3af PoE, Class1 (IP3032, IP3032-E only)
- One RJ-9 port for handset
- One RJ-9 port for headset (IP3032-E only)
- One DC jack port for power adapter
- One USB2.0 type A port for wireless 802.11 b/g/n adapter (IP3032-W only)

Conformance

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

Optional Accessories

- IP-WMKX: wall mount kit
- PA-5V550MA: AC/DC power adapter (5V/550mA)

Physical Specification

- Weight of product: 900g
- 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

IP3032 Series Feature Matrix

Feature	IP3032	IP3032-E	IP3032-W
Photo			
PC Port	No	Yes	No
Headset Port	No	Yes	No
Wireless Connection	No	No	Yes, 802.11 b/g/n
Ethernet Cable	Yes	Yes	No
Power Supply	PoE, optional power adapter: 5V/ 550mA		Power adapter: Yes, 5V/ 550mA (No PoE)

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