# MOCET Professional IP Deskphone Series

## IP3062 / IP3062-G / IP3062-W

## Features

- Elegant innovative design with the latest technologies
- Complete VoIP and networking protocol support
- Blue-green 128 x 64 pixels LCD display with backlight
- HD audio chamber design in handset and speakerphone
- 4 SIP lines with 16 call appearances
- 5-way on-phone conferencing
- 16 programmable keys with LEDs
- USB 2.0 host port support
- 3 tilt angles of stand
- Extensive IP networking support including VLAN, VPN, and IPv6
- Supports up to 2 IP-EDMX programmable button modules
- Asterisk, Freeswitch, Metaswitch and Broadsoft interoperability
- Built-in two ports 10/100/1000M Ethernet (IP3062-G only)
- Wireless 802.11 b/g/n network connection support (IP3062-W only)

The MOCET IP3062 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 IP3062 series supports up to four simultaneous lines and can be positioned in multiple tilt angles and has a wall mount option, and has a built-in two port 10/100 Ethernet switch with automatic support for power over Ethernet (PoE). The IP3062 series has16 programable keys and 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 IP3062 series can be automatically provisioned from a local or Internet based server using the built-in MOCET auto-provisioning and management protocols.

The IP3062 series supports many advanced features including 5-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 IP3062 series are interoperable with a wide range of SIP services and servers including those based on Metaswitch™, Broadsoft™, Freeswitch ™ and Asterisk™. Therefore, the IP3062 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.

In addition, the IP3062 series has a large LCD display to show all calls in progress at once and supports HD audio through the use of the G.722 wideband codec, has a dedicated external headset port, USB 2.0 host type A and mini type B ports, and extended dial module port. These functions make the IP3062 series more powerful and flexible IP phones to meet the demands of busy professional users.

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## IP3062 / IP3062-G / IP3062-W

**Display**
- Graphic LCD display (128x64 pixels) with blue-green backlit
- Brightness and contrast 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
- 4 line status LEDs
- 16 programmable keys with LEDs
- Functional key LEDs for speaker, mute, hold and headset

**Keypad**
- 12 numeric keys
- 4 sensitive soft keys
- 5 sensitive navigation keys
- 4 sensitive line keys
- 16 programmable keys
- 11 functional keys for speaker, mute, 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, 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, XMPP

**Call Features**
- 4 lines appearances
- 5-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
- Built-in auto sensing IEEE802.3af PoE, Class2
- One RJ-9 port for handset
- One RJ-9 port for headset
- One DC jack port for power adapter
- One EDM port for extended dial module
- One USB2.0 type A port for keyboard, storage dongle and wireless
  802.11 b/g/n adapter
- One USB2.0 mini type B port for keyboard

**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)
- WU-300NA: wireless 802.11 b/g/n adapter

**Physical Specification**
- Weight of product: 900g
- Dimension: 233 x 200 x 45 mm
- Operating temperature: 0$^o$C to 40$^o$C (32$^o$F to 104$^o$F);
  Storage temperature: -20$^o$C to 60$^o$C (-4$^o$F to 140$^o$F)
- Operating relative humidity(non-condensing): 15% to 85%
- Warranty: 1 year

## IP3062 Series Feature Matrix

| Feature | IP3062 | IP3062-G | IP3062-W |
|---|---|---|---|
| Photo |  |  |  |
| LAN and PC Ports | Yes, 10/100M | Yes, 10/100/1000M | Yes, 10/100M |
| Wireless Connection | No | No | Yes, 802.11 b/g/n |
| Ethernet Cable | Yes | Yes | No |
| Power Adaptor | Optional, 5V/ 2A | | Yes, 5V/ 2A |

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