



IP telephone with advanced features for business application **elmeg IP630**

- Auto-provisioning from be.IP plus and hybrid
- Numerous system features including a central telephone book
- 8 configurable keys with multi-color status display
- Incomparable HD voice and sound quality, even in speakerphone mode
- Color 3.5-inch graphic display
- Power supply via PoE or plug-in AC adapter
- Made in Germany



elmeg IP630

The elmeg IP630 is a made-in-Germany IP telephone with system features designed to match be.IP plus and hybrid systems. It offers all the major professional voice features. Installation is carried out from your be.IP plus or hybrid.

The LAN interface is a two-port gigabit switch that allows you to use your desktop PC's LAN cable to connect both the system telephone and your PC to the network. No additional cabling installation is required. Power is obtained either from the included plug-in AC adapter or PoE.

The elmeg IP630 is integrated into elmeg's telephone systems. Unlike many standard SIP telephones, it offers system features. You can assign numbers to the phones, configure the most important settings, and set up the customizable function keys using your be.IP plus or hybrid system, which also automatically sets up access to the central phone book. The ergonomic navigation keys greatly simplify operation. The color 3.5-inch display simplifies navigation as does the context-dependent function key labeling. Users navigate clearly-structured menus with the two softkeys beneath the display.

The function keys can be used to set up a busy lamp field, call forwarding, and more.

High-quality, hardware-based audio features enable professional communications using the telephone as a handset, with a headset, or as a conferencing system with the speakerphone functionality. Each of these units has its own volume control to adapt to the user's needs.

The USB port allows optional peripherals such as Bluetooth receivers and headsets to be attached. In addition, DHSG and EHS are supported for cabled headsets. The IP630 was developed with full-HD audio for uncompromising sound quality in everyday use.

The practical wall-mount is easy to install and offers a wide range of installation options.

Variants

elmeg IP630 (5530000216)	elmeg IP630, IP SIP system phone, black, 3,5" color display, 8 programmable function keys, hands free mode, headset support, 2x 10/100/1000 Mbps ETH, Power over Ethernet (PoE), incl. 100-240V psu
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Features

Keypad and Functionality

Navigation key	Five way navigation key for easy operation
Soft keys	2 soft menu keys below the display

Quick access keys	10 function keys for speakerphone, headset, mute, MWI (Message Waiting), DND (Do Not Disturb), re-dial, phone book, volume control, home button, hold, conference, call transfer
programmable keys	8 programmable function buttons, illuminated for status (red, green, yellow)

Audio	
Headset connection	Headset connection via standard RJ-9 jack (EHS/DHSG)
USB 2.0	from Q1/2017 USB Bluetooth Headset support
Speakerphone	Full-duplex speakerphone in brilliant sound quality
HD-Sound	Wideband HD sound in acc. with TIA/EIA-920 HDSP™, G.722
Adjustable volume	Adjustable volume: speakerphone, corded handset and headset
Hearing aid compatibility	Comptible to hearing aid (HAC) according FCC
Ringer	Multiple ringtones, selectable per line (internal, external, group, door)

Approvals	
Directive / Standard	Conform with the essential requirements of the directive 1999/5/EC. EN60950, EN62311, EG202518, EN301489-1, EN301489-6, EN301406, EN300328

Documentation	
Manual	User manual in German and English language as PDF download
Quick install guide	Quick installation guide printed in German and English language

Technical information	
Wall mounting	Available as accessories
VoIP protocol	SIP (RFC3261, RFC2543)
Number of VoIP accounts	Up to 4
Number of simultaneous calls	Up to 2 simultaneous VoIP calls
Codecs	s G.711 u/a, G.722, G.726-32, iLBC
Security	SRTP (RFC3711), TLS (RFC2246), SIPS
Power over Ethernet (PoE)	IEEE 802.3af, Class 3
Internet protocol	IPv4 (RFC0791)

LAN port	2-Port Switch 10/100/1000 Mbit/s
QoS	RSCP/DiffServ (RFC2474, RFC2475), RTCP
DHCP	DHCP (RFC2131), Option 60: VendorID, Option 114
STUN	STUN (RFC3489)
ICE	Method for Overcoming Network Address Translators (NAT) for the Session Initiation Protocol (SIP)
LDAP	Phone Book support
DNS	DNS SRV (RFC2782)
DTMF	DTMF (in-band), RTP payload (RFC4733), SIP-Info
Syslog	Syslog for error recognition
VLAN	IEEE 802.1Q VLAN tagging
HTTP, HTTPS	WEB administration
Transport Protocols	UDP, TCP, TLS, RTP SRTP

Hardware	
Dimensions	Device: 188 mm (L) x 188.5 mm (W) x 36 mm (H), Weight approx.: 401 g Handset: 181 mm (L) x 45.6 mm (W) x 38.5 mm (H),Weight approx.: 108 g Foot: 187.5 mm (L) x 156.5 mm (W) x 24.5 mm (H),Weight approx.: 306 g
Weight	915 g without power supply
Power supply	100-240V, 50/60Hz
Hook	Wearless optical hook switch
Colour	Black
Environmental conditions	Operating temperature: 0 ° C to +40 ° C Storage temperature: -25 ° C to +70 ° C Relative humidity: up to 93%, non-condensing

be.IP / hybrid system features	
Message Waiting Indication (MWI)	Notification of voice mails, direct cal to the voice mail box, no MWI in the case that the call is answered from elsewhere
Calling list	Show all calls, show outgoing calls, show incoming calls and show missed calls. Calls there answered from elsewhere are not shown
Display of incoming calls (CLIP)	With number and name, if the information is stored at the central phone book of the hybrid
Anonymous calls (CLIR)	Outgoing call with suppressed number
TAPI	Incoming/Outgoing TAPI calls from applications
Auto provisioning	Automatic detection of new phones at MAC address basis
Auto provisioning	Number assignment via the hybrid configuration
Auto provisioning	The following parameters are automatic configured from the hybrid: Network settings, time server and time zone, SIP account data, LDAP settings

Auto provisioning	Centrallized firmware update via update URL of bintec-elmeg update server.
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Display and user guidance	
Display	3.5" graphical TFT color display, illuminated, Resolution: 320 x 240 pixels
Internal phone book	Address book with 100 entries on internal memory
Search	Quick search via charakters or full text
Central phone book	LDAP support (network-based corporate phonebook)
Caller display	Display of call duration, name and number
Missed caller list	List of the least 60 missed calls with number and call time
Comfort functions	Redial, Direct dial from listings, pre-dialing with editing

Accessories

Add-ons	
Wallmount elmeg IP620/IP630 (5530000219)	Wallmount for elmeg IP620 and elmeg IP630 phones