

## elmeg IP290

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The VoIP telephone for standard SIP connection

### IP290

With the new elmeg IP290 stand-alone device you will enter the age of Internet telephony. The top quality and innovative elmeg IP290 satisfies all modern business requirements: an internal phone book with 100 entries, call holding/transfer, integrated music on hold, call forwarding, completion of call to busy subscriber, lists for accepted and missed calls, and the display of calls in the waiting queue provide for comprehensive business telephony functions with Voice over IP (VoIP).



Based on the SIP standard, the elmeg IP290 can be used with software, such as the Microsoft Messenger, and with standardised devices. The RFC 3261-compatible SIP stack ensures optimum compatibility with many adapters and VoIP routers currently offered in the market.

Two Ethernet ports supporting VLAN permit the direct connection of the elmeg IP290 to a PC—you only require one LAN port for the PC and the IP telephone!

# Features elmeg IP290

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## Technical Data

- o Certifications: FCC Class B, CE Mark Commercial
- o Dimensions: ca. 25.5 x 21 x 9 cm (10 x 8 1/4 x 3 1/2")
- o Weight: ca. 690 g
- o Operating humidity: 10% to 85%, Non-Condensing
- o Storage humidity: 5% to 90% Non-Condensing
- o Operating temperature: 0°C to 40°C (32°F to 104°F)
- o Power: 5V
- o Storing temperature: -20°C to 70°C (-4°F to 158°F)
- o Color: black-blue

## Connectors:

- o Network: RJ45 (Ethernet)
- o PC: RJ45 (Ethernet)
- o Handset: RJ14 Standard Handset Connector
- o Headset: PC Connector Headset
- o Power: Center pin

## User Interface

- o 2 x 24 character display with graphical field (e.g. for operator pictures)
- o 30 keys, 6 LEDs
- o Last calls (100 entries)
- o Address book (100 entries)
- o Address book Import/Export
- o Number guessing, speed dialing
- o Missed calls, dialed calls
- o Call waiting indication
- o Clock, call-timer
- o Caller-ID
- o Call blocking (Deny List)
- o Two lines
- o Administration of 5 parallel calls
- o Programmable function keys
- o Menu-driven user interface
- o Selectable ringing melodies
- o Downloadable custom melody
- o National language support (NLS)
- o Privacy Settings
- o Log in/log out
- o URL Dialing support
- o Do not disturb
- o Speakerphone (Full Duplex)
- o Auto answer mode
- o UTF8-encoded Caller-ID (ALS)

## Call Features

- o Hold
- o Blind transfer, Attended transfer
- o Music on hold support
- o Divert
- o Call intrusion
- o Conferencing
- o Call park, Call pick-up
- o Call completion (Automatic Redial)
- o CMC (Client Matter Code)
- o Web Server
- o Embedded web server (http, https)
- o Easy configuration of the phone, remote configuration
- o Dial from web interface
- o Password protection
- o Diagnostics (tracing, logging)

- o Presence
- o Presence indication
- o Probability registrations
- o Compatible with Microsoft™ Messenger™

### **Codecs**

- o G.711 aLaw, uLaw
- o G.729A
- o G.722\*, G.723.1

### **Security**

- o https interface

### **SIP**

- o RFC3261 compliant
- o UDP and TCP support
- o Digest authentication
- o Loose routing and strict routing support
- o Error-information support
- o Distinctive Ringing (Alert-Info)
- o Reliability of provisional responses (RFC3262)
- o DNS SRV (RFC3263), redundant server support
- o Offer/answer (RFC3264)
- o Message waiting indication reception, subscription for
- o Vmail & SMS (RFC3265)
- o Session-Timer
- o Dialog-State
- o In-band and out-of-band DTMF
- o In-band DTMF
- o Out-of-band DTMF (RFC2833)
- o STUN client (NAT traversal), ICE support
- o UPnP client (NAT traversal)
- o ENUM (RFC3261)
- o NAPTR (RFC2915)
- o rport (RFC3581)
- o REFER (RFC3515)
- o Outbound proxy support, initial route

### **Installation**

- o Static IP, DHCP
- o http/https client for configuration
- o Automatic software update
- o Completely automatic installation from web
- o Daylight saving time

### **Ethernet**

- o 2 port with switch included (802.3 10/100 BT half duplex/full duplex with autosense)