

- Power over Ethernet (PoE+)
- Extension consoles connectivity
- 1 Gbit Ethernet ports
- Color LCD
- Up to 6 SIP accounts
- AutoProvision
- Wired and wireless headset connectivity
- Connection to Wi-Fi access point



VP-30P-WB is an up-to-date multifunctional IP phone designed for offices. High-resolution color LCD and high-performance hardware provide an intuitive interface and instant system response. The integrated gigabit switch enables connection of user's PC and IP phone to the same Ethernet switch physical port. The built-in Wi-Fi and Bluetooth module allows connecting the IP phone to a Wi-Fi 802.11ac/a/b/g/n wireless network and using a wireless Bluetooth headset.

Business Solution

VP-30P-WB is designed for companies with high requirements for reliability, usability, and quality of voice data transmission.

High Quality of Sound

The high performance and reliability of VP-30P-WB are provided by the hardware based on advanced chips. Usage of Echo cancellation and Silence Detector, as well as support for all main audio codecs used in VoIP networks (G.711A, G.711U, G.722, G.729, OPUS, iLBC), ensures high quality of voice data when working in both networks with high and limited bandwidth.

Redundancy

In case of the main IP-PBX connection failure, VP-30P-WB is switched automatically to a redundant SIP server with the main server state control.

AutoProvision

AutoProvision (AP) subsystem is used for automatic configuration, update and state monitoring of subscriber's equipment. The subsystem allows transparent replacing of a phone with a new one (any vendor). After replacing a phone, the configuration will be adapted automatically.

Elph Desktop

The Elph Desktop application is designed for phone services extension. The application allows answering a call, arranging calls via a click-to-call mechanism, and viewing call history by searching and filtering according to a subscriber's name, phone number, etc.

Usability

Convenient key location, intuitive menu, and user-friendly web interface provide usability of VP-30P-WB in corporate telephone networks. Support for VP-EXT22 consoles extends the phone capabilities and increases the number of keys, which can be programmed at user's convenience.

Features and capabilities

Audio codecs and voice settings

- Voice codecs: G.711 (PCMA/PCMU), G.722, G.729, OPUS, iLBC
- DTMF transmission: In-band, RFC2833, SIP INFO, RFC2833 + SIP INFO
- Voice Activity Detection (VAD)
- Comfort Noise Generation (CNG)
- Acoustic Echo Suppression (AES)
- Automatic Gain Control (AGC)

Phone features

- 6 SIP accounts
- Displaying of caller name and number (CallerID)
- Mute
- Redial
- Call Hold
- Call Transfer
- Call Waiting
- Call Forwarding Busy (CFB)
- Call Forwarding No Reply (CFNR)
- Call Forwarding Unconditional (CFU)
- Do Not Disturb (DND)
- Caller Line Identification Restriction (CLIR)
- Remote Conference (RFC4579)
- Local 3-Way Conference
- Different ringtones for accounts¹
- Call History with the ability to save up to 100 records of completed calls in the device's permanent memory
- Local Phone book up to 1000 entries
- Remote Phone book
- Support for LDAP
- Support for speakerphone
- Busy Lamp Field (BLF)
- Message Waiting Indication (MWI)
- SIP MESSAGE¹
- Call recording to USB drive¹
- Screenshots¹
- Power saving mode
- Support for up to three VP-EXT22 extension consoles
- Built-in 802.11ac/a/b/g/n Wi-Fi client
- Built-in Bluetooth 5.0 module for connecting wireless Bluetooth headsets

Technical features

- CPU: 2 cores × 800 MHz
- DDR3: 256 MB
- NAND Flash: 512 MB
- OS: Linux

Display, indicators, and keys

- 4.3 inch (109 mm) backlit color display with 800 × 480 resolution
- Two-color phone state LED indicator

- Two-color programmable keys LED indicators
- Background drawing
- Screensaver¹
- Functional keys with LED indications: message, headset, microphone mute, speakerphone
- Functional keys without LED indications: conference, call hold, call transfer, redial, volume adjustment
- 10 programmable keys

Monitoring and management

- Web interface
- Display menu
- SSH
- AutoProvision (FTP/TFTP/HTTP/HTTPS)
- Device monitoring via web interface
- Debugging information output in USB¹, syslog, file
- Action URL¹, active URI¹

Wired interfaces

- 2 × RJ-45 10/100/1000 Mbps Ethernet ports
- 1 × RJ-9 (4P4C) for handset connection
- 1 × RJ-9 (4P4C) for headset connection
- 1 × RJ-25 (6P6C) for extension console VP-EXT22 connection
- PoE+ 802.3at (power class 4)
- 1 × USB 2.0 for USB¹ devices

Network protocols and security

- SIP v1 (RFC2543), v2 (RFC3261)
- Data network connection (static IP, DHCP)
- VLAN 802.1Q
- QoS: 802.1P, DSCP
- DNS (RFC1034, RFC1035)
- NTP: time and date synchronization
- LLDP-MED
- HTTP/HTTPS web server
- TLS/sRTP
- RADIUS 802.1x
- STUN (RFC5389, RFC8489)¹
- Certificate upload

Physical features

- Power adapter (optional): input 100-240 V AC, output 12 V DC, 3 A
- Maximum power consumption:
 - 17.1 W (without VP-EXT22 extension consoles)
 - 25.5 W (when three VP-EXT22 extension consoles connected)
- Desktop implementation
- Dimensions (W × H × D): 228 × 86 × 220 mm
- Weight: 1.057 kg
- Operating temperature: from 0 to +40 °C
- Relative humidity at 25 °C: up to 80 %

¹ The feature will be available in future firmware versions.

Contact us

About Eltex



+7 (383) 274 10 01
+7 (383) 274 48 48



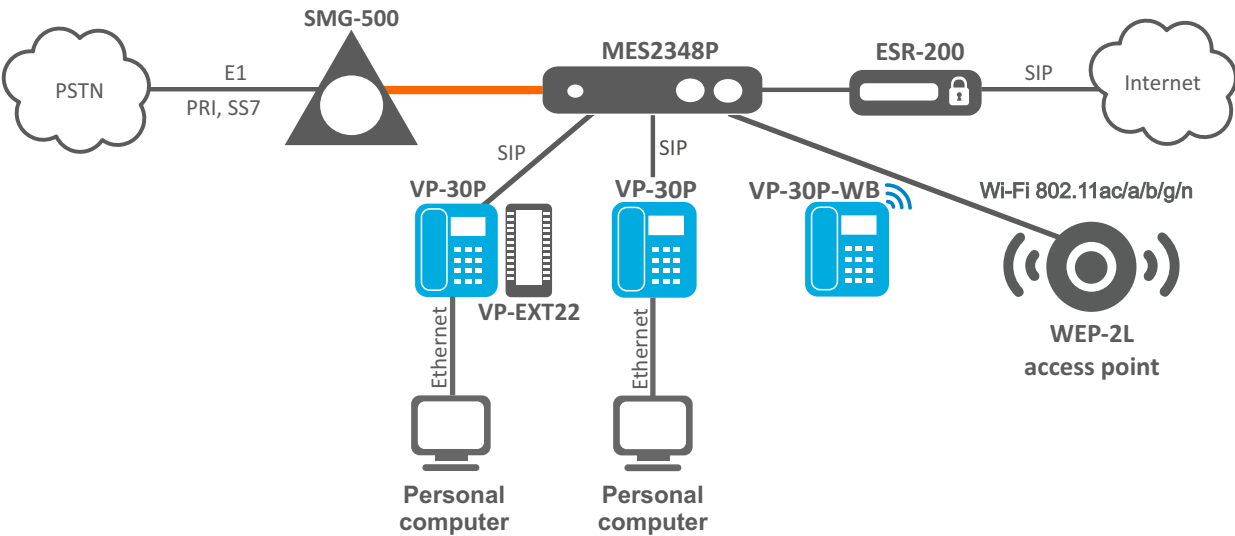
eltex@eltex-co.ru



www.eltex-co.com

Eltex Enterprise is a leading Russian developer and manufacturer of communication equipment with 30 years of history. Complete solutions and their seamless integrability into the Customer's infrastructure are the priority growth areas of the company.

Use case



Ordering information

Name	Description
VP-30P-WB	IP phone VP-30P-WB: 2 × 10/100/1000BASE-T (RJ-45), LCD, PoE+, Wi-Fi 802.11ac/a/b/g/n, Bluetooth 5.0

Related products	
VP-EXT22	Extension console with 22 keys with LED indication, 3 virtual pages

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