

- Power over Ethernet (PoE) for VP-20P
- Headset connection
- Extension module
- LCD
- 1Gbit Ethernet ports
- HD Voice
- Autoprovision



VP-20(P) are up-to-date IP phones with integrated gigabit switch, which provides the ability to connect PC and IP phone through the same physical line. VP-20P supports Power over Ethernet technology.

High quality of sound

The high performance of VP-20, VP-20P is provided by the hardware based on advanced chips. All the main audio codecs used in VoIP networks (G.711, G.722, G.726, G.729, OPUS) are supported by VP-20, VP-20P. Echo cancellation, Silence Detector, DTMF signals reception and generation as well as traffic prioritization (QoS) ensure high quality of voice data.

Business solution

VP-20, VP-20P are designed for companies with high requirements to the quality of voice data transmission. IP phones also provide reliability of connection and usability.

Usability

Convenient key location, intuitive menu and user-friendly management of web interface with multilingual support provide usability of VP-20, VP-20P in corporate telephone networks.

Features and capabilities

Phone features

- Displaying of caller name and number (CallerID)
- Mute
- Redial
- Different ringtones for accounts
- Uploading ringtones to the phone
- Call History
- Local Phonebook
- Remote Phonebook
- Support for LDAP
- Support for speakerphone
- Viewing voice mail counters
- Message Waiting Indication (MWI)
- Displaying of watched subscriber line status (BLF)
- Support for extension module

Technical features

- DDR3 512 MB
- NAND Flash 512 MB
- OS Linux

Voice codecs

- G.711 a-law, μ -law
- G.722
- G.726
- G.729
- OPUS

Display, indicators and keys

- 4.3 inch (109 mm) backlit color display with 800×480 resolution
- Interface language selection (English and Russian)
- 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

Features of extension module

- 22 keys with indication for extending the programmable functionality of the phone
- 3 virtual pages
- LCD

Additional services

- Call Hold
- Call Transfer
- Call Waiting
- Call Forward on Busy (CFB)
- Call Forward on No Response (CFNR)
- Call Forward Unconditional (CFU)
- Do Not Disturb (DND)
- Caller Line Identification Restriction (CLIR)
- Conference

Features and capabilities

Monitoring and management

- Managging of web interface (English and Russian)
- SSH
- Autoprovision

Diagnostics

- Monitoring of device status via web interface
- Displaying of debugging information in Syslog

VoIP protocols

- SIP

Physical features

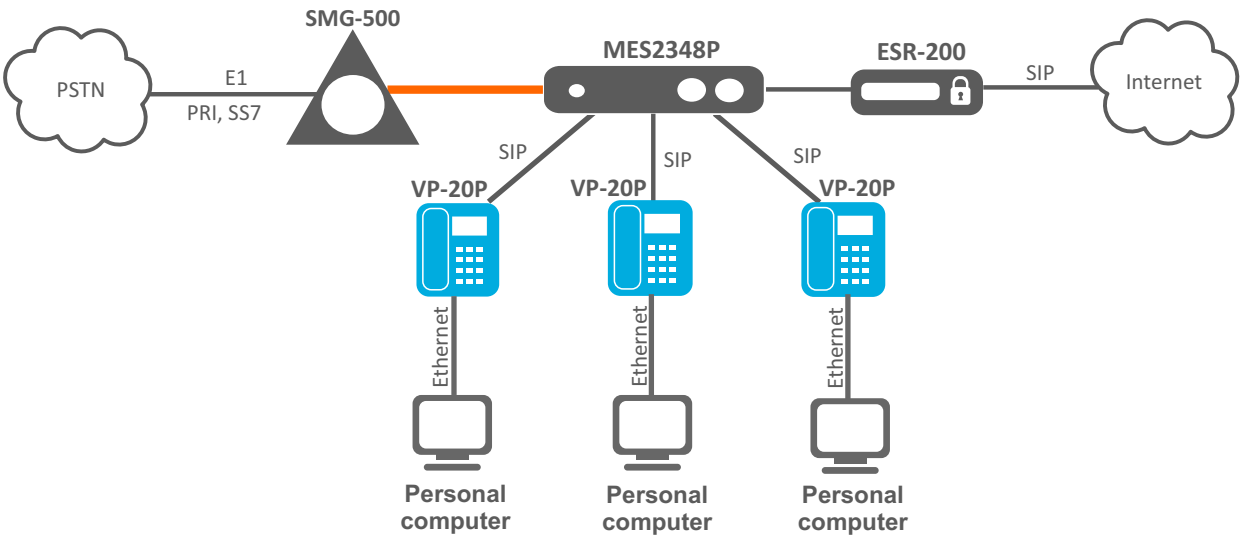
- 2 × RJ-45 10/100/1000 Mbps Ethernet ports
- 1 × RJ-9 (4P4C) for handset connection
- 1 × RJ-9 (4P4C) for headset connection
- 1 × RJ-25 (6P6C) for extension module connection

- Support for PoE 802.3af for VP-20P
- Power supply: 12 V DC, 3 A
- Operating temperature: from +5 to +40 °C
- Relative humidity at 25 °C: up to 80 %
- Desktop case
- Dimensions (W×H×D): 228×85×220 mm

Network protocols and security

- Data network connection (static, DHCP)
- Time and date synchronization via NTP
- QoS 802.1p, DSCP traffic marking

Use case



Ordering information


Name	Description
VP-20	IP phone VP-20: 2 × 10/100/1000BASE-T (RJ-45), LCD
VP-20P	IP phone VP-20P: 2 × 10/100/1000BASE-T (RJ-45), LCD, PoE

Related products

VP-EXT22	Extension module with 22 keys with indication, 3 virtual pages
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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.