

# V-IP400P IP Phone



The **V-IP400 P** has all the standard functionalities of a traditional telephone in addition to next generation IP telephony features offered by VOISpeed technology. Highlights of this black V-IP400P phone include Power over Ethernet (PoE), 10 memory buttons and a large backlit LCD display.

## System characteristics

- Switch (DHCP or static IP address) with two 10/100 Base T RJ-45 ports
- Network protocols: TCP/UDP/IP, HTTP, DHCP Client, FTP, DNS, ARP, ICMP
- Authentication through standard encryption (DIGEST coded in MD5)
- Simple manual configuration (via web management interface, phone keypad or Telnet) or automatic configuration via TFTP or http
- Multi level administrative access
- Remote firmware update through FTP/TFTP or web interface
- Provides detailed debugging information via syslog (can also send events to a syslog server)
- Back-lit LCD screen showing phone status and call details
- Power supply: 100-240VA/5VDC/60Hz
- Power consumption: 2W

## Telephone features

- VoIP Protocol: SIP 2.0 (RFC3261)
- SDP (RFC2337)
- Voice Codec: G.711 (A-law/U-law), G729, G723-r63, G723-r53, Jitter Buffer
- DTMF signalling: in-audio (relay), RFC2833 and SIP info
- Echo canceller (G.168)
- Voice Activity Detection (VAD)
- Caller ID
- On hold button
- Transfer (attended / unattended)
- Do not disturb mode
- Speed dialling
- Last number redialling
- Three way conference call
- Auto-responder
- Ability to define phone number composition rules
- Keypad access to lists of all calls made / received / lost
- Receives short text messages
- Multiple ring tones and ability to assign different ring tones to incoming numbers
- Full duplex loudspeaker and microphone
- Volume control for both microphone and speakerphone (handset and loudspeaker)
- Internal contact directory accessible from keypad
- Ten speed-dial buttons with status lamps
- Phone extension status indication\*
- Ability to increase the number of memory keys by connecting an extension module (V-IP400E) with 20 additional speed buttons.
- Call back on busy\*
- Call recording button\*
- Extension status modification using service number

\* only available when used in conjunction with VOISpeed systems