



OPH120

Fast Ethernet PoE VoIP Phone with 2.3" Display



OPH120 is a compact office IP phone with a 2.3" monochrome LCD display and PoE support.

The OPH120 IP phone is equipped with two Ethernet ports with speeds up to 100 Mbps, one of which is used to connect to a router or switch, and the other is used to connect a PC. PoE support simplifying deployment and doing away with the need for a nearby power outlet.

The OPH120 supports OPUS, G.711, G.729, G.729A, and G.722 audio codecs, HD Voice transmission, advanced audio quality enhancement algorithms, and all basic phone features, including call transfer and call hold, speed dial, speakerphone, microphone mute, and local 5-way conferencing.

Key Features

- 2.3" monochrome LCD display with backlight
- 2x100 Mbps Ethernet ports
- PoE power supply
- Headset support
- HD Voice
- 1 SIP account
- Local 5-way conferencing
- Desktop or wall mountable



Specifications

Hardware

Interfaces	<ul style="list-style-type: none">• 1x10/100Base-TX WAN port with PoE support for connection to a switch/router• 1x10/100 Base-TX LAN port for PC• 1xHeadset (RJ9)• 1xHandset (RJ9)
Display	<ul style="list-style-type: none">• 2.3" Monochrome LCD display with backlight• Resolution: 128x64 pixels
Keyboard	<ul style="list-style-type: none">• 3 features keys:<ul style="list-style-type: none">- Redial- Headset- Speakerphone• 2 navigation keys• 12 numeric keys (including * and #)• Volume adjustment (-/+)
Mounting	<ul style="list-style-type: none">• Desktop• Wall

Functions

Phone features	<ul style="list-style-type: none">• 1 SIP account• Phonebook: 1000 records• LDAP, XML remote phonebook• Call logs with missed calls/incoming calls/outgoing calls• Caller ID with name and number• Call Hold• Call Waiting• Call forwarding• Call transfer• Speed Dial• Redial• Call back• Do not disturb• Local 5-way conferencing• Direct IP Call• BLF list• Call park
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	<ul style="list-style-type: none"> • Auto answer • Anonymous Call/Rejection • Blacklist
Audio Features	<ul style="list-style-type: none"> • HD Voice: HD handset • Codec: G.711(A/μ), G.729, G.729A, G.722, OPUS, iLBC • DTMF: In-band, RFC 2833 and SIP INFO • Full duplex hands-free speakerphone with acoustic echo cancellation • Voice Activity Detection (VAD) • Comfort Noise Generation (CNG) • Background noise suppression • Adaptive jitter buffers (AJB) • Packet Loss Concealment (PLC) • Automatic Gain Control (AGC) • Mute
Network Protocols and Security Features	<ul style="list-style-type: none"> • SIP v1(RF2543), v2(RFC3261) • NAT Traversal: STUN • Proxy and peer-to-peer SIP • Network settings assignment: Static/DHCP • HTTP/HTTPS • SNTP • UDP/TCP/DNS-SRV (RFC 3263) • SRTP/ SIP TLS • IPv6 • DHCP VLAN/LLDP

Management

Configuration and Management	<ul style="list-style-type: none"> • Web-based UI • Auto Provisioning via FTP/TFTP/HTTP/HTTPS • Factory reset, reboot • TR-069 • Syslog
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Physical Parameters

Dimensions (L x W x H)	<ul style="list-style-type: none"> • 153 x 190 x 129 mm
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Operating Conditions

Power Supply	<ul style="list-style-type: none"> • Ethernet cable (PoE) 802.3af • Power Adapter:
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	<ul style="list-style-type: none">- Input: 100-240 V AC- Output: 5 V DC, 1 A
Power Consumption	<ul style="list-style-type: none">• 2-3 W
Temperature	<ul style="list-style-type: none">• Operating: -10 to 50 °C
Humidity	<ul style="list-style-type: none">• Operating: 10% to 95%

Package Contents

Package Contents	<ul style="list-style-type: none">• OPH120 VoIP Phone• Stand• Quick Installation Guide• Ethernet Cable• Power Adapter (optional)
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Order Info

OPH120	IP Phone with 2.3" Monochrome LCD Display, 100Base-TX WAN PoE, 100Base-TX LAN, without power adapter
OPH120/PSU	IP Phone with 2.3" Monochrome LCD Display, 100Base-TX WAN PoE, 100Base-TX LAN, with power adapter