



# OPH500

## Gigabit Ethernet PoE VoIP Phone with 4.3" Color Display



OPH500 is a professional IP phone with 4.3" color LCD display, 4 SIP accounts and PoE support.

The OPH500 IP phone is equipped with two Gigabit Ethernet ports, 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 OPH500 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

- 4.3" color LCD display with 480 x 272 resolution
- 2x1000 Mbps Ethernet ports
- PoE power supply
- Headset support
- HD Voice
- 4 SIP accounts
- Local 5-way conferencing



## Specifications

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### Hardware

Interfaces	<ul style="list-style-type: none"><li>• 1x10/100/1000Base-TX WAN port with PoE support for connection to a switch/router</li><li>• 1x10/100/1000Base-TX LAN port for PC</li><li>• 1xHeadset (RJ9)</li><li>• 1xHandset (RJ9)</li></ul>
Display	<ul style="list-style-type: none"><li>• 4.3" color LCD display</li><li>• Resolution: 480 x 272 pixels</li></ul>
Keyboard	<ul style="list-style-type: none"><li>• 14 programmable soft keys</li><li>• 6 features keys:<ul style="list-style-type: none"><li>- Message</li><li>- Headset</li><li>- Call forwarding</li><li>- Redial</li><li>- Mute</li><li>- Speakerphone</li></ul></li><li>• 5 navigation keys</li><li>• 12 numeric keys (including * and #)</li><li>• Volume adjustment (-/+)</li></ul>
Mounting	<ul style="list-style-type: none"><li>• Desktop</li></ul>

### Functions

Phone features	<ul style="list-style-type: none"><li>• 4 SIP account</li><li>• Phonebook: 1000 records</li><li>• LDAP, XML remote phonebook</li><li>• Call logs with missed calls/incoming calls/outgoing calls</li><li>• Caller ID with name and number</li><li>• Call Hold</li><li>• Call Waiting</li><li>• Call forwarding</li><li>• Call transfer</li><li>• Speed Dial</li><li>• Redial</li><li>• Call back</li><li>• Do not disturb</li></ul>
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	<ul style="list-style-type: none"> <li>• Local 5-way conferencing</li> <li>• Direct IP Call</li> <li>• BLF list</li> <li>• Call park</li> <li>• Auto answer</li> <li>• Anonymous Call/Rejection</li> <li>• Blacklist</li> </ul>
Audio Features	<ul style="list-style-type: none"> <li>• HD Voice: HD handset</li> <li>• Codec: G.711(A/μ), G.729, G.729A, G.722, OPUS, iLBC</li> <li>• DTMF: In-band, RFC 2833 and SIP INFO</li> <li>• Full duplex hands-free speakerphone with acoustic echo cancellation</li> <li>• Voice Activity Detection (VAD)</li> <li>• Comfort Noise Generation (CNG)</li> <li>• Background noise suppression</li> <li>• Adaptive jitter buffers (AJB)</li> <li>• Packet Loss Concealment (PLC)</li> <li>• Automatic Gain Control (AGC)</li> <li>• Mute</li> </ul>
Network Protocols and Security Features	<ul style="list-style-type: none"> <li>• SIP v1(RF2543), v2(RFC3261)</li> <li>• NAT Traversal: STUN</li> <li>• Proxy and peer-to-peer SIP</li> <li>• Network settings assignment: Static/DHCP</li> <li>• HTTP/HTTPS</li> <li>• SNTP</li> <li>• UDP/TCP/DNS-SRV (RFC 3263)</li> <li>• SRTP/ SIP TLS</li> <li>• IPv6</li> <li>• DHCP VLAN/LLDP</li> </ul>
<b>Management</b>	
Configuration and Management	<ul style="list-style-type: none"> <li>• Web-based UI</li> <li>• Auto Provisioning via FTP/TFTP/HTTP/HTTPS</li> <li>• Factory reset, reboot</li> <li>• TR-069</li> <li>• Syslog</li> </ul>
<b>Physical Parameters</b>	
Dimensions (L x W x H)	<ul style="list-style-type: none"> <li>• 191 x 230 x 100 mm</li> </ul>

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**Operating Conditions**

Power Supply	<ul style="list-style-type: none"><li>• Ethernet cable (PoE) 802.3af</li><li>• Power Adapter:<ul style="list-style-type: none"><li>- Input: 100-240 V AC</li><li>- Output: 5 V DC, 1 A</li></ul></li></ul>
Power Consumption	<ul style="list-style-type: none"><li>• 3-4 W</li></ul>
Temperature	<ul style="list-style-type: none"><li>• Operating: -10 to 50 °C</li></ul>
Humidity	<ul style="list-style-type: none"><li>• Operating: 10% to 95%</li></ul>

**Package Contents**

Package Contents	<ul style="list-style-type: none"><li>• OPH500 VoIP Phone</li><li>• Quick Installation Guide</li><li>• Ethernet Cable</li><li>• Power Adapter (optional)</li></ul>
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**Order Info**

OPH500	IP Phone with 4.3" Color LCD Display, 1000Base-T WAN PoE, 1000Base-T LAN, without power adapter
OPH500/PSU	IP Phone with 4.3" Color LCD Display, 1000Base-T WAN PoE, 1000Base-T LAN, with power adapter