



A business IP telephone with color display for Linksys One communications solutions

Linksys One is a complete, affordable, easy-to-install communications solution for growing businesses that delivers telephones, data networking, applications, and the Internet through one high-speed connection from a single provider. Business-class communications services are delivered by a Linksys One Services Router, which requires only one internet connection for all services - including low-cost phone service. A Linksys One Services Router

is the core for your network and must be present in all Linksys One solutions. The PHM1200 is the premier wired IP telephone of the Linksys One solution.

The Linksys One PHM1200 IP telephone looks and works like a key system phone, but it will also connect to the Internet - not a telephone line. Linksys One technology is automatic and self-configuring - plug in a Linksys One phone to the Linksys One Services Router switch port and you'll be ready to make and receive calls using business-quality Voice over Internet Protocol (VoIP). You'll also get advanced features and ease of use.

A planned applications programming interface will eventually allow applications to be hosted on the phones either local to the business site or delivered as a component of a hosted service. But there's no need to wait - today's Linksys One IP phones have all useful features of most popular key sets and can save you money, starting now.

The Linksys One PHM1200 IP telephone delivers both traditional telephony services to the small business user such as call forwarding, transfer, busy lamp field and shared line appearances on a next-generation IP phone platform. This platform contains a high-resolution (320 x 240 x 16 bit) color, backlit display; 24 programmable buttons with integrated LEDs, 4 softkeys, 3 fixed-function keys and a 5-position navigation key. A full-duplex speakerphone, handset and headset port (headset supplied separately) offer superlative audio quality, volume control and muting control. An integrated voice mail application provides cost-effective, high-quality voice messaging service with both local and remote access to voice mail.

An integrated dual-port 10/100 switch provides wired network access through the upstream Ethernet port. This port is capable of accepting IEEE POE and fully powering the phone under all operational conditions. The PHM1200 must be connected to a Linksys One-enabled switch port.

Operation of a PHM1200 IP phone requires the installation, configuration and operation of one Linksys One services router (such as the SVR3000) at the same site.

Simple, automated installation with Linksys One Services Routers



High-resolution, color, backlit display, full-duplex speakerphone



Two port 10/100 switch with ability to accept IEEE802.3af PoE



Integrated call processing features with security, management, QoS

Manager Phone

Model No. PHM1200

Features

- Simple, one-step automated voice/data installation and initial configuration
- Interacts with site's Services Router for simplified management, security and QoS configuration
- High resolution, color, backlit display
- Full duplex speakerphone with mute and volume controls
- Headset port (headset separately purchased)
- 24 programmable buttons with integrated LEDs
- 3 fixed function buttons, 4 softkeys, 5-position navigation button for display control
- VLAN tagging IEEE 802.1p and DSCP marking for QoS
- Physical security lock port
- Traffic classification from PC-port and re-marking

Specifications

Model	PHM1200 wired IP telephone
Standards	IEEE 802.3, 802.3af, 802.1p
Ports	2 10/100 RJ-45 LAN ports, headset port, handset port, (optional) local ac/dc power adapter port
Buttons	24 programmable, 3 fixed, 4 softkeys, 5-position nav key, mute, speakerphone
Cabling Type	Cat5 or better
LEDs	Integrated LEDs on 24 programmable buttons
Display	320 X 240 X 16 bit color, backlit
Security features	Embedded digital certificate

Environmental

Dimensions	9.45" x 7.28" x 2.28" (240 mm x 185 mm x 58 mm)
Unit Weight	3.09 lbs. (1.4 kg)
Power	48VDC
Certification	UL (UL 1950), CSA (CSA 22.2), CE mark, EN60950 (2001)
Operating Temp.	32° F to 104° F (0° C to 40° C)
Storage Temp.	-40° F to 158° F (-40° C to 70° C)
Operating Humidity	20 to 95% Non-Condensing
Storage Humidity	5 to 90% Non-Condensing

Package Contents

- PHM1200 IP telephone base
- Handset with handset cord
- Two-position desk mount
- Ethernet cable
- Quick-Start Installation Guide

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