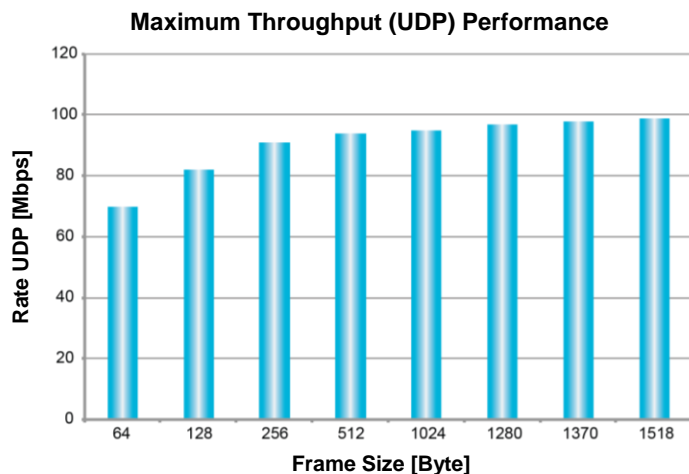


Introduction

The HD200 Wall Mount Adapter is the latest addition to the Corinex HD200 Enterprise product family. Complementing our existing HD200 series of products, this Customer Premise Equipment (CPE) device provides endpoint network access for users in Multi-Dwelling Units (MDU) and other high-density installations. Providing up to 200 Mbps of raw bandwidth, and designed with maximum flexibility in mind when it comes to network deployments, the HD200 Wall Mount Adapter is ideal in situations where additional cabling cannot be installed and/or setup and installation costs must be minimized.

Powerline technology has several advantages over existing network technologies, not least of which is that once a network is extended into and through the electrical lines in a building, virtually every outlet on the same circuit has the potential to provision high-speed network services.



[Note: tests performed in laboratory under ideal conditions. Actual maximum throughput may vary.]

The HD200 Wall Mount Adapter incorporates the latest Powerline Communication technologies and standards to seamlessly integrate and synergize with your existing office network appliances.



Figure 1: CXP-HD200-WMEe (EU version shown)

KEY FEATURES AND BENEFITS

- **High-speed** 200 Mbps transmission rates over Powerline media*
- **Comprehensive standards compliance** for universal adaptability with all network appliances
- **Powerful encryption** with DES / 3DES / AES
- **QoS** (Quality of Service) management for programmable traffic prioritization
- **Robust performance** in noisy electrical environments, using OFDM technology and powerful EC schemes

Product Specification

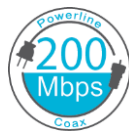
Product Codes:

- CXP-HD200-W2e EU (dual pack European version)
- CXP-HD200-WMEe EU (single pack European version)
- CXP-HD200-W2e US (dual pack North American version)
- CXP-HD200-WMEe US (single pack North American version)

Please refer to our Price List for the exact product code specification and details.

Technical Specifications

Dimensions (L x W x D)	107 mm x 72 mm x 79 mm
Speed*	200 Mbps (max) on physical layer
Frequency Range	2 – 34 MHz
Interfaces	10/100BaseT Fast Ethernet, multifunction pushbutton
IEEE Standards Compliance	802.1D, 802.1p, 802.1Q, 802.3u
Network Protocols	TCP/IP, UDP, IGMP
Security & Encryption	RADIUS authentication support, DES (56-bit) or 3DES (168-bit), AES-128/256
Safety & EMI (depending on region)	EN 55022 EMC limits, UL/EN 60950, FCC Part 15 B
Power Input	100 to 240 VAC, 50/60 Hz
Power Consumption	3.85 W (max)
Standby Power	0.8 W
Tx Power Spectral Density	-58 dBm/Hz
Storage Temperature	10° to 70° C (14° to 158° F)
Operating Temperature	0° to 40° C (32° to 104° F)
Operating Humidity	10% to 80% non-condensing



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Product Description

- CPE slave device (requires master gateway or controller device for network connectivity)
- 200 Mbps (max) over powerline media*
- Autosensing 10/100BaseT Fast Ethernet interface in full- and half-duplex transfer modes
- Traffic encryption using DES, 3DES, or AES
- Support for RADIUS authentication
- QoS management with 8-level priority queues, programmable priority classification engine according to 802.1p tags, TCP/UDP source/destination ports, and priority tagging for traffic prioritization
- Automatic configuration provisioning for ease of deployment
- Remote programmable notching, ensuring dynamic adaptability to comply with current and future global regulatory requirements and device interoperability
- Programmable bandwidth allocation
- Bridge Forwarding Table for 64 MAC addresses
- Supports 802.1Q VLAN and Optimized VLANs
- OFDM technology and powerful error correction mechanisms provide robust performance under harsh conditions in the electrical network
- Integrated 802.1D Ethernet Bridge with Spanning Tree Protocol (STP)
- Optimized IGMP support for broadcast and multicast traffic
- Multifunction pushbutton e.g. reset to default factory settings

Package Contents

- Corinex HD200 Powerline Wall Mount Adapter (2 for dual pack)
- Standard CAT5 Ethernet Cable (2 for dual pack)
- CD with documentation

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