

# Corinex HAV500 Wall Mount Adapter

## Introduction

Corinex HAV500 Wall Mount Adapters extend the HomeNet product family allowing users to achieve transmission speeds of up to 500 Mbps. Providing more than enough bandwidth for all today's home networking needs including IPTV, HD video, audio streaming, online gaming, internet browsing, data downloading and sharing. The network is plug and play – the adapters simply need to be connected to an outlet. By using the electrical wires installed within the home as a network medium, the adapters communicate and are ready to transfer information from any networking enabled device to another. Security is easily enabled by the click of a button.

Up to four quality of service levels can be configured. Ensuring that applications requiring higher throughput and real-time information (e.g. IPTV) are managed with higher priority than applications not depending on such information (e.g. file downloading).

Backwards compatibility with HomePlug AV devices allows the use of these new adapters together with previous generations of devices already installed in the home, easily extending the size and quality of home networks.



## Features

**Plug and Play**, extend your home network using the existing power outlet, no new wires, no software installation and no configuration required.

**PHY rate up to 500Mbps** and enhanced QoS mechanisms provide stable multi-stream HDTV,

**IPTV, VOD services** satisfying whole triple-play connectivity needs.

**Low Power Consumption** with Green low power mode design compliant with EuP.

**Easy data encryption** at the touch of a button (128-bit AES link encryption algorithm).

IEEE 1901 and HomePlug AV compliant, **co-existence** with HomePlug 1.0 nodes.

Standards & Regulations	<ul style="list-style-type: none"> <li>• IEEE 1901 and HomePlug AV compliant</li> <li>• HomePlug 1.0 co-existence.</li> <li>• IEEE 802.3, IEEE802.3u Ethernet specification</li> <li>• Low Voltage Directive 2006/95/EEC</li> <li>• EMC Directive 2004/108/EEC.</li> <li>• CE ,FCC Part15B Class B.</li> <li>• RoHs Compliant.</li> </ul>		
Frequency Band	2 to 30 MHz compatible with HomePlug AV devices 30 to 50 MHz extended band 50 to 68 MHz super band		
Modulation Schemes	Supports 1024/256/64/16/8-QAM, QPSK, BPSK and ROBO		
Encryption	128bit AES (over the Powerline)		
Supported OS (Power Packet Utility)	Windows 98SE, ME, 2000, XP, Vista, Windows 7		
Power Input	100 ~ 240 V AC, 50/60 Hz		
Power Consumption	normal operation: 4.42 W at 100 V AC, 5,3 W at 240 V AC power saving mode: 1.3 W at 100 V AC, 1.6 W at 240 V AC		
Buttons	Reset, NMK	LED's	Power, Data, Ethernet
Dimensions	96 mm(L) x 70mm(W) x 47mm(H)	Operating Temperature	0°C to 40°C
Storage Temperature	-25°C to 70°C	Operating Humidity	10% to 90%, non-condensing
Storage Humidity	5% to 90%, non-condensing		

## Product Specification

Product Code:

CXP-HAV500-WME (Single Pack)

CXP-HAV500-W2H (Dual Pack)

Available Plug Regions:

North American Plug

European Plug

\* Please refer to the Price List for exact Product Code specifications details

## Package Contents

Item	Single Pack	Dual Pack
Powerline Adapter	1	2
CAT5 Ethernet Cable	1	2
CD with User Manual	1	1
Printed Quick Start Guide	1	1

Corinex Communications Corp.  
1200-570 Granville Street  
Vancouver, BC  
Canada V6C 3P1  
Tel: 604.692.0520  
Fax: 604.694.0061  
E-mail: saleslead@corinex.com

Corinex Communications a.s.  
Nove Zahrady I. 13/A  
821 05 Bratislava 2  
Slovak Republic, Europe  
Tel: +421.2.59.212-000  
Fax: +421.2.59.212.222  
E-mail: saleslead@corinex.eu

Corinex Communications Corp.  
B-2910, Jiahe Huaqiang Building,  
3006 Shennan RD  
Futian District, Shenzhen  
China, 518031  
Tel: +86.755.8367.7675