

128Mbps HCNA Coax Ethernet Bridge

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The Most Compact
HCNA Coaxial LAN Adapter
With Your Coaxial Cable
Providing You a Powerful
Broadband Connection and
Wire Replacement

No extra utility ...

No additional network wiring ...

*The Most Powerful and Cost-Effective HCNA
Solution.*



Model : CET – 330

INTRODUCTION

THE HPNA3.0 COAX ETHERNET ADAPTER, CET-330, ENABLES YOU TO SET UP YOUR PRIVATE NETWORK AT HOME WITH YOUR EXISTING COAXIAL CABLE.

NO ADDITIONAL NETWORK WIRING IS NECESSARY. YOU MAY JUST FIND A COAX CONNECTOR IN THE WALL, PUT THE COAXIAL PLUG INTO THE CONNECTOR, AND YOU CAN THEN BE READY TO ACCESS THE BROADBAND INTERNET.

NO EXTRA UTILITY IS NECESSARY. NO UTILITY, NO SETTING, JUST LINK. SIMPLY PLUG AND PLAY.

VIA THE RJ-45 ETHERNET PORTS, YOU CAN CONNECT CET-330 WITH ETHERNET-INTERFACE DEVICES SUCH AS SET-TOP-BOX, CAMERA SERVER, AND SWITCH/HUB. THE HIGH-SPEED OF 128MBPS WILL BRING YOU TO ENJOY THE VIDEO-ON-DEMAND (VOD) SERVICES OR THE MULTIMEDIA-ON-DEMAND (MOD) SERVICES.

WITH CET-330, SOHO CAN EVEN QUICKLY EXTEND OR FLEXIBLY CHANGE THE EXISTING LAN ENVIRONMENT. NO RE-WIRING MORE AND NO MORE TROUBLE.

FEATURES

- 128Mbps HCNA Coax Port as Home Network Backbone by Using Existing Coaxial Cable
- Two 10/100M Fast Ethernet Ports for FTTH, ADSL/Cable Modem and Ethernet Terminals (PC, Set-Top-Box, ...)
- Distance up to 4000 feet on RG59 wires
- Filter Built-in to Eliminate Noise from TV
- QoS Priority and Mapping Support
- Plug & Play
- Compact Size Design

SPECIFICATIONS

➤ Network Standards

- HomePNA 3.0 over Coaxial Cable (HCNA)
- IEEE 802.3 10M Ethernet
- IEEE 802.3u 100M Fast Ethernet
- IEEE 802.3x Flow Control

➤ Connectors

- Ethernet : Two RJ-45 Connectors
- HCNA: Two F-Type Female Coax Connectors, One for HCNA, the Other for TV

➤ Transmission Power and Spectrum

- +3 dBm
- 4 ~ 21MHz

➤ Transmission Speed and Distance

- Up to 128Mbps
- Up to 4000 Feet (-176dBm/Hz Noise Floor)

➤ Quality of Service

- Priority Mapping Based on IEEE 802.1p
- Priority Queue Based on 802.1p/TOS
- IEEE 802.1Q Tag VLAN Pass Through
- Guaranteed QoS based on HomePNA3.0 Parameterized QoS

➤ Fast Ethernet Interface

- 10/100Mbps Auto Negotiation
- MDI/MDI-X Auto Crossover

➤ DIP Switch

- To Select the Master of Sync Mode Operation

➤ Indicators

- "Power" LED
- HCNA "Link/Activity" LED,
- HCNA "SyncMode" LED
- Ethernet "Link/Activity" LED x 2

➤ EMI/EMC and Safety

- Comply with FCC Part 15
- Comply with CE
- UL/cUL and CSA

➤ Environmental Conditions

- Operating Temperature : 0°C ~ 40°C (32°F ~ 104°F)
- Storage Temperature : -10°C ~ 65°C (14°F ~ 149°F)
- Operating Humidity : 10% ~ 95%, Non-condensing

➤ Power Requirement

- External Power Supply : 5 VDC
- Power Consumption : < 5 Watts

➤ Physical Dimension

- 114mm (W) x 67mm (D) x 25mm (H)

➤ Unit Weight

- 120g

RELATED PRODUCTS

➤ Suggested Products for Total HPNA3.0 Solution

- PUA-310, HomePNA3.0 USB Adapter
- PET-320, HomePNA3.0 Ethernet Bridge
- PLS-8880, 14-Port HomePNA3.0 Switch
- CUA-300, HomePNA3.0 Coax USB Adapter