

HomePNA™ Coax Managed Ethernet Bridge Endpoint

HomePNA 3.1 Coax Ethernet Managed Bridge Endpoint

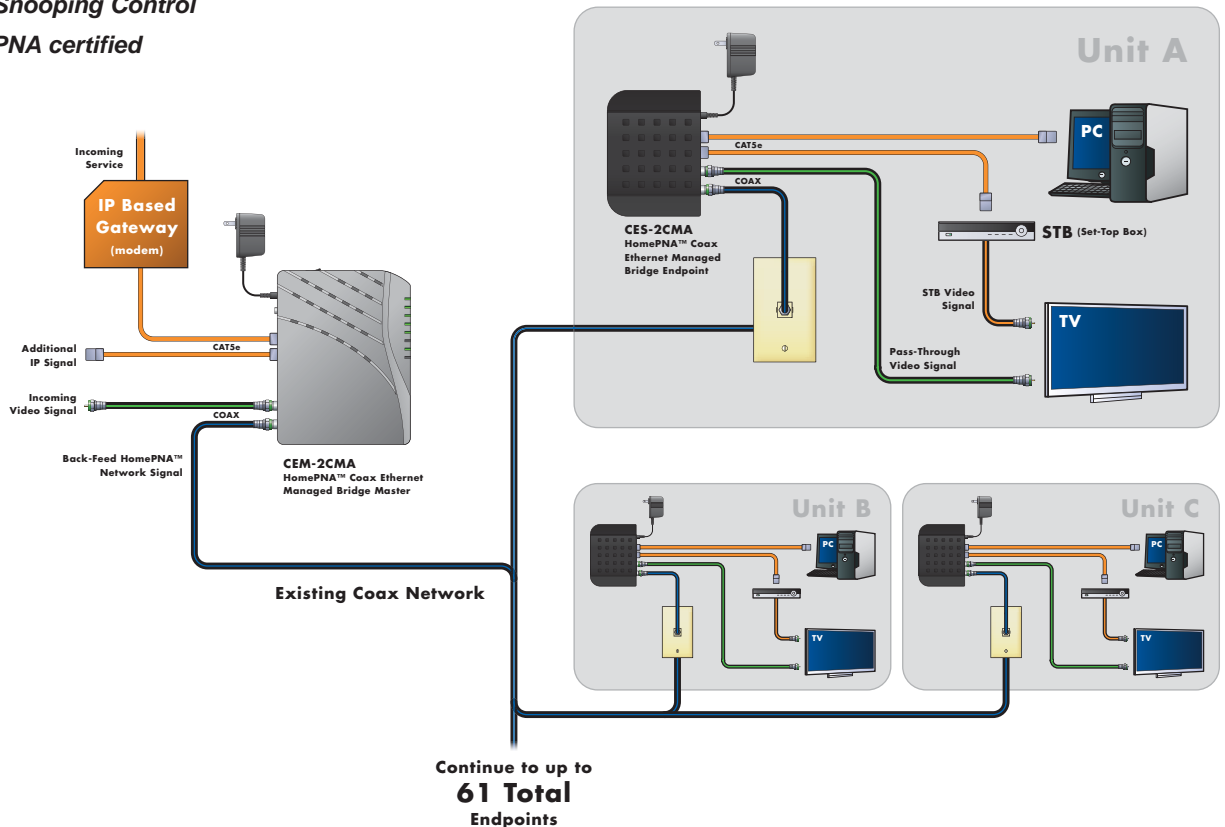


Product Description

The Suttle Coax Ethernet Managed Bridge Endpoint enables service providers to offer triple-play services in an MDU by utilizing the existing coax infrastructure. The CES-2CMA device is remotely managed through the CEM-2CMA bridge master, to allow the service provider to administrate individualized service levels as well as minimize installation and support costs. Each bridge endpoint connection is isolated and only accessible via the headend bridge master (CEM-2CMA).

Features

- Design for Operators Providing High Speed Service over Coax Network
- HCNA up to 224 Mbps PHY Rate as Distribution Backbone over Coax
- Two 10/100M Fast Ethernet Ports
- Up to 65dB Attenuation on Coax Network
- Filter Built-in to Eliminate Noise from TV
- QoS Priority and Mapping Support
- Queuing Schemes for Variant QoS Demand
- TagVLAN Configuration
- Service and Bandwidth Control
- IGMP Snooping Control
- HomePNA certified



Specifications

Connectors	----- Ethernet: 2 RJ45 connectors HCNA : 2 F-type female coax connectors (1 for HCNA, 1 for TV)
Network Standards	----- HomePNA 3.1 over Coaxial Cable (HCNA) IEEE 802.3 10M Ethernet IEEE 802.3u 100M Fast Ethernet IEEE 802.3x Flow Control
Transmission Power	----- -15 +/- 1 dBm
Transmission Spectrum	----- 12 - 44 MHz
Transmission Filter	----- 54 MHz
Transmission Max Data Rate	----- 224 Mbps
Transmission Attenuation	----- < 65dB
Fast Ethernet Interface	----- 10/100Mbps auto negotiation MDI/MDI-X auto crossover
Management	----- Firmware Upgrade DHCP Support: Option 82 and Snooping Auto Configuration Support Priority Based on 802.1p, TOS, TCP/UDP Port 802.1Q TagVLAN Support Diagnosis of HCNA Interface, and Noise Spectrum Analyzer Built-in Bandwidth Control IGMP v2 Snooping Control
Power Requirement	----- 12 VDC external power supply
Power Consumption	----- < 4 Watts
Operating Temperature	----- 0°C ~ 50°C (32°F ~ 120°F)
Storage Temperature	----- -10°C ~ 65°C (14°F ~ 149°F)
Operating Humidity	----- 10% ~ 95%, Non-condensing
Dimension	----- 5.12"W x 3.74"D x 1.26"H 130mm W x 95mm D x 32mm H
EMI/EMC and Safety	----- Complies with FCC Part 15 and VCCI Complies with CE



Part #	Description
CES-2CMA	HomePNA 3.1 coax ethernet managed bridge endpoint

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