

HPNA-3110

HomePna over Coax Ethernet Bridge



Features

- + Industry standard HomePNA 3.1 (ITU G. 9954)
- + Operating over standard coax cable (HomePNA over Coax)
- + No additional network wiring is necessary (No New Wire)
- + Data rate up to 160Mbps, sufficient for heavy duty home networking applications
- + Native QoS support made multimedia A/V applications possible
- + Ethernet bridge made network connectivity easy

Specification

Core logic	SOC CopperGate CG3111 AFE CopperGate CG3112
Interface	coaxial port x 2 LAN : RJ45 x 1 Fast Ethernet ports
LED	Power HomePNA link/Act Ethernet link/Act
Power	Input linear 100~120VAC or 200~240VAC Output 7.5V/1A Power consumption: 6W
Dimension	87(W) x 99.7(D) x 24(H) mm
Frequency band	12-28 MHz(manufacture's options based on different PCB, no end user configuration possible)
Supported client	Point to Multipoint with up to 15 clients per band.
Network standard	ITU-T G.9954 HomePNA 3.1 over coax IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x flow control
Line Rate	Up to 160Mbps

Distance	Up to 1450 feet (-176 dBm/Hz Noise Floor)
Quality of Service	802.1p priority queue TOS Tag VLAN pass-through Guaranteed QoS Based on HomePNA 3.0 parameterized QoS
Security	Connection & admission control Clients to client privacy Supports 128 bit AES based encryption
Bandwidth control	Upstream Bandwidth Management per client
Remote and local diagnostic functions	TR-69 (DSL Forum) CPE WAN Management Protocol compliant SNR & PE measurements per client
Environment requirement	Operating Temperature:0~40 Storage Temperature:-10~65 Operating Humidity (non-condensing):10~95%
Certificate	CE FCC

