



Features



- The LANPlug 2000 is a ITU-T G.hn G.9963 compliant adapter with a Gb Ethernet interface.
- Multiple-Input Multiple-Output (MIMO) design with beam forming technology, simultaneously sends data on two Powerline paths.
- IGMP support with priority queuing insures quality in home delivery of streaming video.
- Embedded TR-069 client for remote configuration, diagnostics and asset management via an Auto Configuration Server (ACS).

Extollo's Local Area Network (LAN) adapters create a self-contained, secure home network using the existing electrical wiring within a user's home. The LANPlug 2000 turns every electrical outlet in the home into an Internet access port, connecting digital devices and entertainment systems to each other and the Internet.

The LANPlug 2000 is an echo friendly, eloquently designed, G.hn wave two MIMO compliant Powerline adapter. Easy set-up with the push of a button to create your secure Powerline network. Quickly and intuitively create a multi media home network to share residential Internet access among all Internet capable devices within the home.

Data integrity is maintained with the use of a 128-bit AES Encryption key.

The high performance, low latency LANPlug 2000, makes it ideal for streaming video and online gaming applications. The LANPlug 2000 can also be used in combination with Una for Wi-Fi extension.

Other possible home networking applications for the LANPlug 2000 include: Internet access for any digital devices with an Ethernet port, delivery of Ultra HD IPTV multicast streams, OTT streaming, IP telephony, home security systems and any other services that require a network connection.

Technical Specifications

Standards

- ITU-T G.hn G.9963
- IEEE1905.1
- IEEE802.3 /u/ab 10/100/1000 BASE-T
- Broadband Forum TR-181 device model for TR-069

Performance & Frequency

- PHY: 1.5Gbps
- UDP: 1Gbps
- 2 to 80 MHz
- Distance: 1,000ft (305m)

Interface

- 1 x NEMA 5 120VAC
- 1 x RJ-45 10/100/1000Base-T Ethernet auto MDI/MDIX auto negotiation
- 1 x Secure pairing push button & reset to factory defaults

Environmental

- Operating Temperature: -5°C ~ +45°C
- Storage Temperature: -20°C to +85°C
- Humidity: 5% to 95% non-condensing & 86kPa~106kPa altitude
- Power Input: 100 ~ 240V @ 50/60Hz

Quality of Service

- 8 levels of Powerline packet-prioritized QoS
- IPv4 IGMP snooping & IPv6 MLD control

Hardware

- Maxlinear Powerline network transceiver & AFE
- Dual line drivers

LED Indicators

- 1 x Powerline: on / off
- 1 x Data (Powerline performance): red / amber / green / off
- 1 x Ethernet: solid / blinking / off

Package Contents

- 1 x LANPlug 20000
- 1 x Ethernet cable
- 1 x Installation guide

Modulation

- TDMA channel access scheme
- OFDM symbol modulation on line synchronization
- 1024/256/64/16/8 - QAM, QPSK, BPSK, ROBO carrier modulation

Security

- 128-bit AES link encryption with key management

Form Factor

- White plastic
- H 4.73" x W 2.56" x D 1.15"
- H 120.5mm x W 65.6mm x D 29.2mm
- Unit weight 7.05oz / 200gm

Regulatory Compliance

- cUL 60950
- UL 2043
- FCC Part 15 Class B
- CE IEC 60950-1
- RoHS
- IP20 dust & water

