SMART/RG®

Accessories / PL62ac
HomePlug AV2 + 11ac WiFi Extender

THE PL62 HOMEPLUG AV2 WiFi Extender extends WiFi connectivity to the farthest reaches of the home, eliminating deadspots and enabling smartphones, tablets, gaming consoles, laptops, etc., all via the powerlines in your home.

Capable of sustaining bidirectional packet throughput in excess of 400Mbps, high bit-rate content such as IPTV and VoD, as well as latency-sensitive traffic, such as online gaming & VoIP, in addition to Broadband Internet are supported simultaneously with appropriate levels of Quality of Service. Distances as great as 300 meters are reachable within a single home powerline grid.

Connect multiple SmartRG HomePlug AV2 devices and expand your Gigabit-speed home network, creating a whole-home WiFi network where everyone has strong, reliable connections, wherever needed.

/ FEATURES

Compatible with SmartRG PL45 and PL60
Designed to work seamlessly with SmartRG products.

802.11ac Wireless for fastest connections
Perfect for the most demanding applications, such as video streaming and online gaming.

Gigabit Ethernet LAN connection
Connect an additional wired device to your home network.

Plug-and-Play
No need to install software or manually configure.

Tri-color powerline quality indicator LED
Indicates the signal strength of an outlet, allowing users to find the best location to plug-in.

Power-Saving Mode
Automatic reduced-power mode when not in use.

/ SPECIFICATIONS

Standards
IEEE 1901.1/1905.1/HomePlug AV1/AV2
IEEE 802.3 10/100/1000 Ethernet (Auto MDI/MDI-X)
IEEE 802.11 a/b/g/n/ac (2.4GHz/5GHz concurrent)

Technology
Modulations:
OFDM 4096/1024/256/64/16/8 QAM, QPSK, BPSK, ROBO
Frequency Band: 2-86MHz
Peak PLC Rate: 1000Mbps
Peak Throughput (TCP/UDP): 350Mbps/400Mbps
Range: Estimated range 300 meters in-wall power lines

Security
128-bit AES hardware encryption

Quality of Service
TDMA channel access with Contention-Free and
Contention-Based (CSMA/CA) period Channel Adaptation
Four-Level QoS / Eight-level VLAN priority / ToS/CoS Packet Classifier
IGMP/MLD Snooping

Diagnostic and Management
HomePlug AV Management Message Entries (MME)
IEEE 1905.1 nVoy®-compliant Hybrid Home Networking

Mechanical
Dimension: 123mm*68mm*38mm (L*W*D)
Weight: 280g

Electrical
Power Requirements:
AC input: US/EU/UK/AU/FR sockets @ 100VAC-240VAC
Power Consumption:
Typical: 6.8 watts
Power-saving mode: Under 1 watt

EMC and Safety
FCC Class B / CE mark
UL listed, RoHS & WEEE compliant

Environmental
Efficiency:
European Code of Conduct (CoC) for Energy Efficiency
European Union Energy-using Products (EuP) directive for low power, green energy operation

Temperature:
Standard Operating: 0° to 40°C
Storage: -20° to 70°C

Humidity:
30% to 80% (Non-condensing, Standard Operating)
30% to 95% (Non-condensing, Non-operating)

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