



Covr your Whole Home in Seamless Wi-Fi



HIGH PERFORMANCE



MORE COVERAGE



ONE SEAMLESS
NETWORK



HYBRID WHOLE HOME POWERLINE WI-FI SYSTEM

Features

Whole Home Coverage

- Combines Powerline and Wi-Fi into a single hybrid solution for true whole home coverage
- Smart Wi-Fi with intelligent band steering automatically places wireless devices on the optimal wireless band
- Works with your existing router
- Two COVR-P2500 Powerline extenders for more coverage

Performance and Connectivity

- Dedicated 1300 Mbps² Powerline backbone and dual-band AC1200 Wi-Fi
- Powerline and Wi-Fi MIMO technology for higher and more efficient throughput
- Three Gigabit Ethernet LAN ports per unit to give you high-speed wired connectivity

Setup and Management

- Configure your network using the free D-Link Wi-Fi mobile app or the easy-to-use web-based interface
- Intuitive setup wizard to guide you through the configuration process
- Effortless Plug and Play setup

The COVR-P2502 Hybrid Whole Home Powerline Wi-Fi System is a set of two high-performance COVR-P2500 hybrid Powerline Wi-Fi extenders to add seamless whole home Wi-Fi to your existing home network. Featuring a high-performance 1300 Mbps² Powerline backbone, and an AC1200 Wi-Fi module, the COVR-P2502 creates a zone of dedicated high-speed AC1200 Wi-Fi in any area in your home without any loss of performance. Automatically connect to the strongest signal as you move through your home, experiencing seamless whole home coverage. With the COVR-P2502, D-Link has got you Covr'd.

Covr Your Whole Home With One Seamless Network

Gone are the days of only being able to use Wi-Fi in certain areas of your home. The Covr Hybrid Whole Home Powerline Wi-Fi System works with your existing router to create one seamless whole home network. Thanks to revolutionary smart roaming technology, the Hybrid Whole Home Powerline Wi-Fi System continually scans the wireless signal strength to your devices, automatically connecting them to the strongest signal available. The Covr Hybrid Whole Home Powerline Wi-Fi System handles the transfer seamlessly, allowing you to walk from room to room without experiencing dropped VoIP calls or frozen video streams. Covr ensures your entire home is covered by a single, seamless network using a single network name (SSID), making interrupted connections, drop-outs, and dead spots things of the past.

High-Speed Wired and Wireless Connectivity

With COVR-P2502 you can bring the full potential of AC1200 Wi-Fi to any area in your home, including dead spots. Network signals are sent through the high-speed 1300 Mbps² Powerline backbone over your existing electrical wiring, and are then broadcast by the COVR-P2500 extenders. Each COVR-P2500 extender creates its own exclusive high-speed AC1200 Wi-Fi zone for communication with your wireless devices, allowing you to fully experience demanding multimedia applications from anywhere in your home. In addition, Gigabit Ethernet ports give you solid, dependable wired performance for devices such as Network Attached Storage (NAS), media centers, and gaming consoles.

Hybrid Whole Home Powerline Wi-Fi System

MIMO and Band Steering Technology

The Covr Hybrid Whole Home Powerline Wi-Fi System features Multi-User Multiple Input Multiple Output (MU- MIMO) Wi-Fi, which transmits data to multiple wireless devices simultaneously to increase speed and efficiency. Enjoy increased throughput and seamless high-definition streaming media, Internet phone calls, online gaming, and content-rich web surfing throughout your entire home or office with Covr.

Additionally, each Covr Powerline extender is equipped with dual-band radios and intelligent band steering. Don't worry if you don't know your 2.4's from your 5's, Covr automatically places your device on the optimal wireless band depending on network traffic conditions. With Covr, this happens seamlessly without dropouts, lag, or any interruption to your wireless connection; and most importantly, without you ever lifting a finger.

Easily Expand Your Network

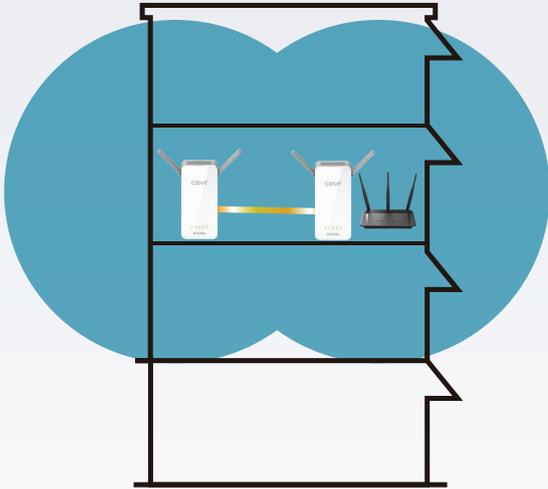
The COVR-P2502 Hybrid Whole Home Powerline Wi-Fi System provides you with a home network solution that is quick and easy to set up. The COVR-P2500 Powerline extenders work straight out of the box, so you just need to plug them in and get started. Configure your network in no time with the free D-Link Wi-Fi app on your Android or iOS mobile device, or using the intuitive web-based interface. Covr is also a scalable solution; extra Powerline extenders can easily be added and synced to increase the reach of your network. Not enough coverage upstairs or in the back room? Scale up your Wi-Fi by adding another COVR-P2500 Whole Home Powerline Wi-Fi Extender to get true whole-home coverage.

Adding new wireless devices to your Covr network is a snap thanks to the Wi-Fi Protected Setup (WPS) button, which establishes an instant connection to new devices without the need to enter settings or create passwords. Expand your network with the touch of a button.

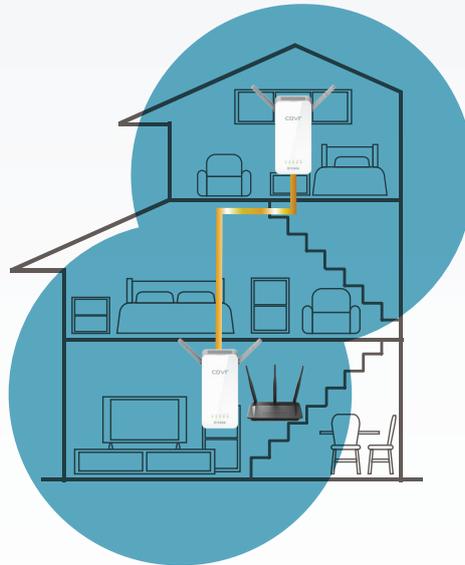
Hybrid Whole Home Powerline Wi-Fi System

Covr Powerline Wi-Fi System Expanded Networks

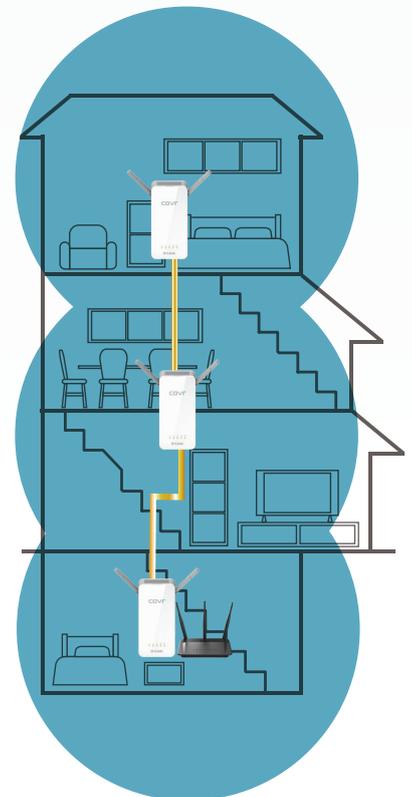
Loft



Villa



Townhouse



200m²

300m²

400m²

Hybrid Whole Home Powerline Wi-Fi System

Contemporary



Bungalow



500m²

600m²

Hybrid Whole Home Powerline Wi-Fi System

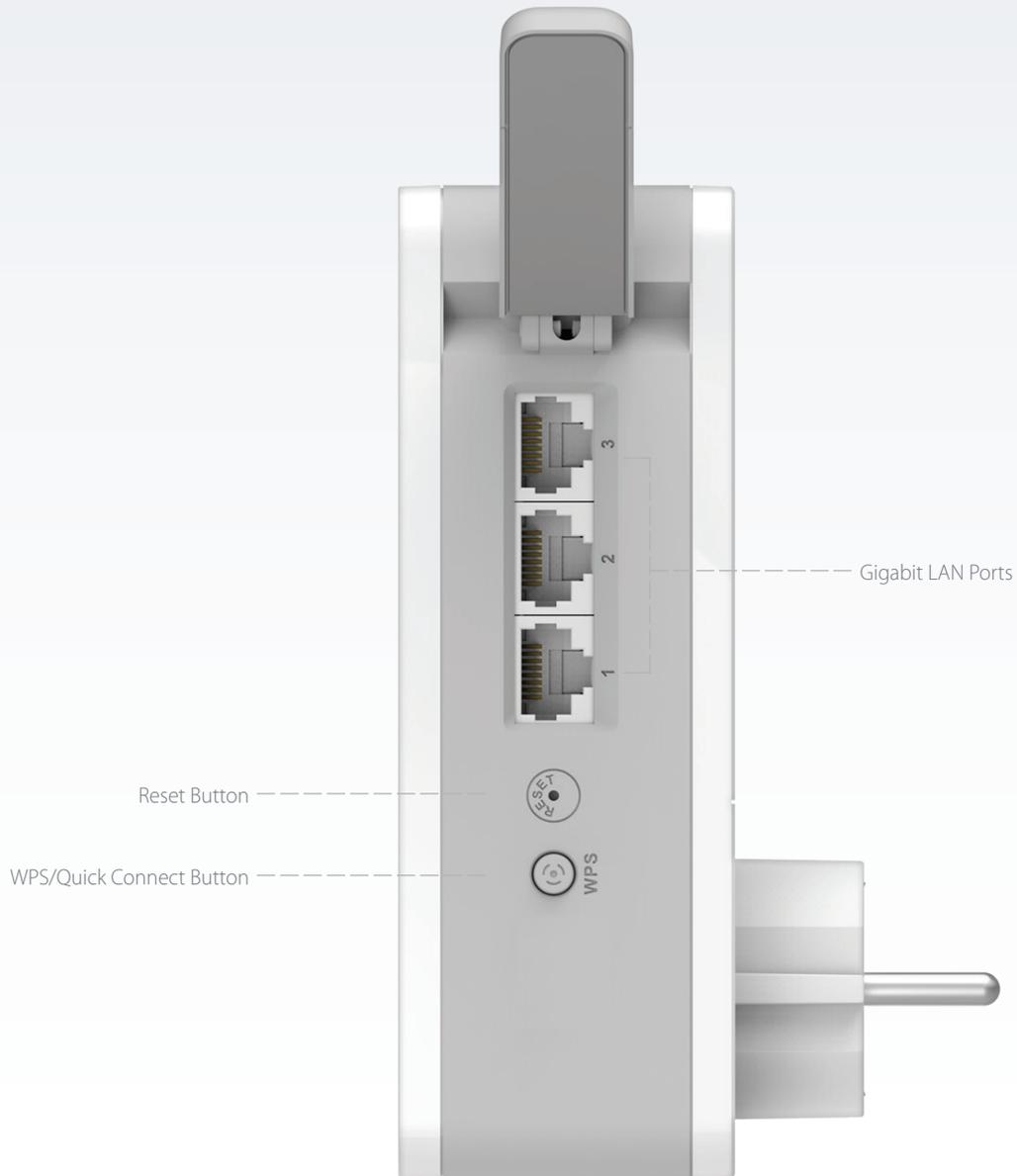
COVR-P2500 Whole Home Powerline Wi-Fi Extender

Front View



COVR-P2500 Whole Home Powerline Wi-Fi Extender

Side View



COVR-P2500 Technical Specifications

General

Device Interfaces (per unit)	<ul style="list-style-type: none"> • 1 x PLC interface compatible with Homeplug AV/AV2.0 specification up to 1300 Mbps² 	<ul style="list-style-type: none"> • IEEE 802.11 ac/n/g/a wireless WAN • 3 x Gigabit LAN ports
LEDs	<ul style="list-style-type: none"> • Power • Powerline signal strength • LAN 	<ul style="list-style-type: none"> • 2.4 GHz • 5 GHz
Antenna Type	<ul style="list-style-type: none"> • 2 x external antennas 	
Data Signal Rate	<ul style="list-style-type: none"> • 2.4 GHz <ul style="list-style-type: none"> • Up to 300 Mbps¹ • 5 GHz <ul style="list-style-type: none"> • Up to 866 Mbps¹ 	<ul style="list-style-type: none"> • Powerline <ul style="list-style-type: none"> • Up to 1300 Mbps (PHY rate)² • Ethernet <ul style="list-style-type: none"> • 10/100/1000 Mbps (auto-negotiation)
Standards	<ul style="list-style-type: none"> • IEEE 802.11ac Wave II • IEEE 802.11n • IEEE 802.11g • IEEE 802.11a 	<ul style="list-style-type: none"> • IEEE 802.3i • IEEE 802.3u • IEEE 802.3ab • IEEE 1901 • IEEE 802.3x Flow Control

Functionality

Security	<ul style="list-style-type: none"> • 128-bit AES data encryption 	<ul style="list-style-type: none"> • WPA/WPA2 wireless security
Advanced Features	<ul style="list-style-type: none"> • Covr Wi-Fi <ul style="list-style-type: none"> • Auto-configuration • Wireless roaming • Wireless band steering • Wireless Air Time Fairness (ATF) 	<ul style="list-style-type: none"> • Web-based setup wizard • Quality of Service (QoS) • MIMO (PLC) • MU-MIMO (Wi-Fi) • Single button Wi-Fi Protected Setup (WPS)/PLC syncing

Physical

Dimensions (L x W x H)	<ul style="list-style-type: none"> • Without antennas: 140 x 68 x 47 mm (5.51 x 2.68 x 1.85 in) 	<ul style="list-style-type: none"> • With antennas: 140 x 79.7 x 47 mm (5.51 x 3.14 x 1.85 in)
Weight	<ul style="list-style-type: none"> • 280 g (0.62 lbs) 	
Power Input	<ul style="list-style-type: none"> • 100 V to 240 V/AC, 50/60 Hz 	
Power Consumption	<ul style="list-style-type: none"> • 12 W 	
Temperature	<ul style="list-style-type: none"> • Operating: 0 to 40 °C (32 to 104 °F) 	<ul style="list-style-type: none"> • Storage: -20 to 65 °C (-4 to 149 °F)
Humidity	<ul style="list-style-type: none"> • Operating: 10% to 90% non-condensing 	<ul style="list-style-type: none"> • Storage: 5% to 95% non-condensing
Certifications	<ul style="list-style-type: none"> • FCC • CE • UL 	<ul style="list-style-type: none"> • CE/LVD • RoHS • WEEE

Hybrid Whole Home Powerline Wi-Fi System

Order Information	
<i>Part Number</i>	<i>Description</i>
COVR-P2502	Hybrid Whole Home Powerline Wi-Fi System containing two COVR-P2500 Whole Home Powerline Wi-Fi Extenders
COVR-P2500	Whole Home Powerline Wi-Fi Extender

¹ Maximum wireless signal rate derived from the IEEE 802.11ac and 802.11n standards specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, may lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

² Maximum throughput is based on theoretical transmission PHY rate. Actual data throughput will vary. Network conditions and environmental factors, including volume of traffic and network overhead, may lower actual data throughput rate. Interference from devices that emit electrical noise, such as vacuum cleaners and hair dryers, may adversely affect the performance of this product. This product may interfere with devices such as lighting systems that have a dimmer switch or a touch-sensitive on/off feature, short wave radios, or other Powerline devices that do not follow the HomePlug AV standard.

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