

# PWR-LINE AP

Extend your WiFi with no extra cables



2.4 GHZ WIRELESS / POWERED BY ROUTERS / EASY TO SETUP

The PWR-LINE series devices allow Ethernet like connectivity between supported devices over regular electrical power lines. When plugged into the same electrical circuit, the PWR devices will establish Ethernet connectivity by using the HomePlug AV standard.

## PWR-LINE AP (US version)

The PWR-LINE AP is a wireless access point with a single Ethernet port, a built-in 802.11b/g/n WiFi radio and capability to connect to other PWR-LINE devices through the electrical lines in your premises.



Since the device runs the same software as all other MikroTik products, it opens up a wide array of functions, all made possible with the extensive feature set present in RouterOS.

You either use the default configuration, which allows hassle free and quick installation, or dive into the rich configuration options, set firewall, usage limitations, make virtual access points for guests and more.

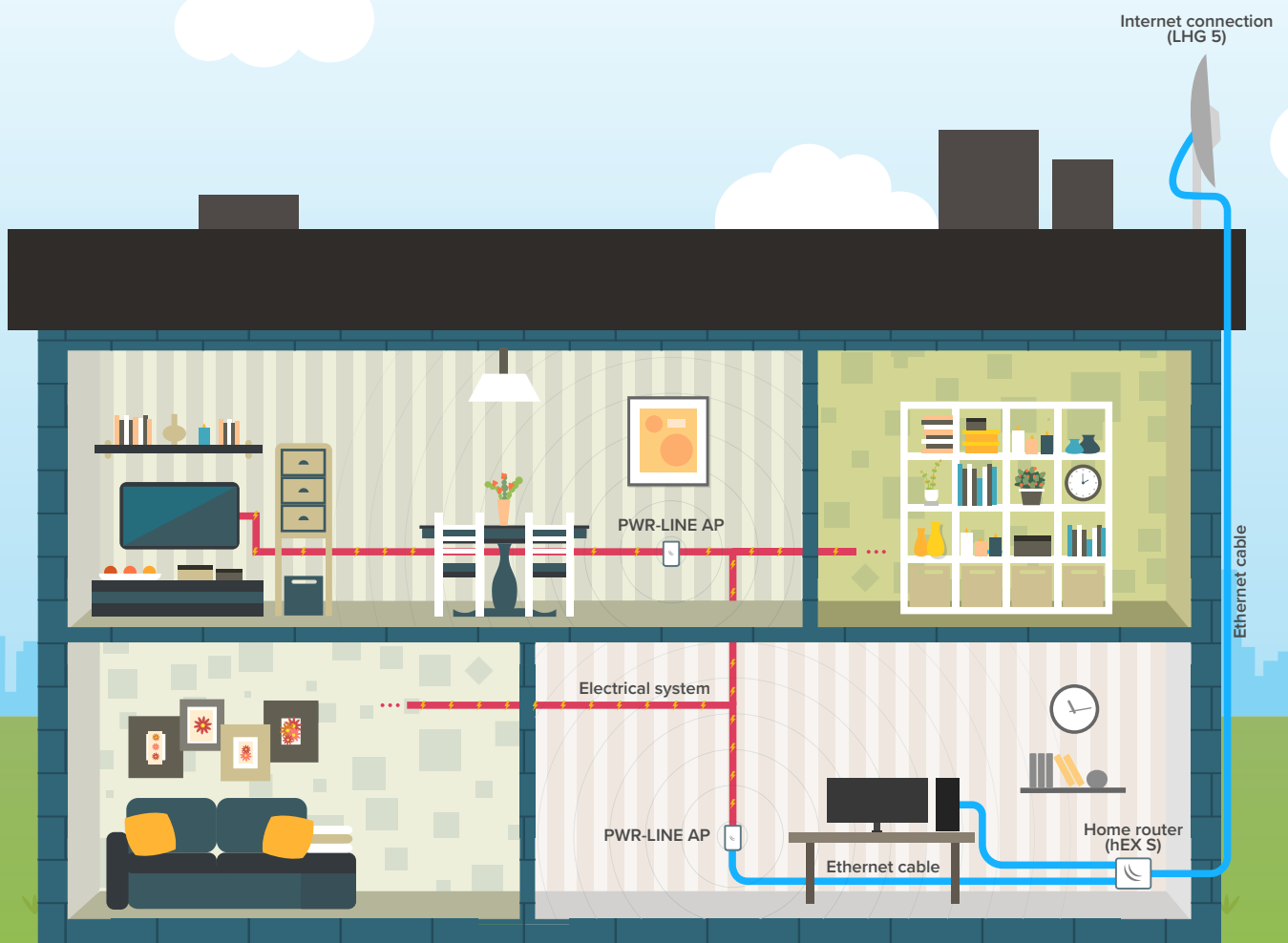
When using multiple PWR Line AP devices in your network, you can even manage them all with the CAPsMAN access point manager feature, which can be run on your main MikroTik router.

## An example of usage

The PWR-Line AP is a small Wi-Fi access point, made as an accessory to your existing network, for places, where your signal or your cable is unable to reach.

Especially useful in homes with thick walls, where you can extend Wi-Fi coverage to those rooms, where signal is poor, without having to re-wire your house.

Simply plug this device directly into one of the LAN ports of your MikroTik router, and add another one somewhere further in your premises. They will link together through the power lines. You can install up to eight PWR-LINE devices to further build your network.



## Specifications

Product code	PL6411-2nD
CPU	QCA9533
CPU nominal frequency	650 MHz
PLC chipset	QCA6410
Size of RAM	64 MB
Memory	16 MB Flash
10/100 Ethernet ports	1
Wireless	Built-in 2.4 GHz 802.11b/g/n, dual-chain
Wireless regulations	Specific frequency range may be limited by country regulations
Antenna gain	1.5 dBi
Antenna beam width	360°
Wireless chip model	QCA9533
Supported input voltage	100 V - 240 V
Dimensions	50 x 68 x 33mm
Operating temperature	-20°C .. +60°C
License level	4
Operating system	RouterOS
Max power consumption	7 W
Power plug type	Type A (commonly used in USA, Canada, Mexico, Thailand)

## Wireless specifications

RATE	Tx (dBm)	Rx (dBm)
1MBit/s	22	-96
11MBit/s	22	-89
6MBit/s	20	-93
54MBit/s	18	-74
MCS0	20	-93
MCS7	16	-71