

Pulse

The heartbeat in your home



Pulse is a 4x4 In-Home WiFi extender/repeater with outstanding WiFi performance, improving coverage throughout the home. Pulse can seamlessly be integrated into a home when using any residential gateway, such as the Genexis Platinum Series or the FiberTwist P3000-Series.

Pulse eliminates dead zones, boosts WiFi coverage and keeps all devices connected. Equipped with the latest WiFi technology, it delivers the speed required for high quality music and video streaming, gaming and much more.

Features

- » Small size, flexible placement options
- » Easy to manage via TR-069
- » Latest WiFi technology: MU-MIMO (Multi-User, Multiple Input, Multiple Output) and next gen WiFi 802.11ac Wave 2
- » 4x4 radio technology: extended coverage and increased performance
- » WMM for advanced Quality of Service
- » Easy set-up/installation
- » Seamless interoperability with large variety of residential gateways
- » Wall mount compatible

Power to the end-user and the service provider

Pulse serves the end-user with the latest WiFi technology covering all speed and connection requirements. Service providers benefit from the extensive management options, the easy installation and the quality and reliability. Pulse combines a minimal form factor with maximum performance.

Product features and specifications

Pulse

General specifications

- » Dimensions (H x W x D) 30x125x125 mm
- » Weight approx. 190 g
- » Power supply voltage 12V ± 5% DC 2A
- » Power consumption max. 5.1 W
- » Operating conditions 0 - 45 °C

WAN interface

- » 1x10/100/1000 BASE-T Ethernet port

LAN interface

- » 1x10/100/1000 BASE-T Ethernet port

WLAN interface

- » Integrated 802.11n 2,4 GHz WiFi Access with internal MIMO 2x2 antennas
- » Integrated 802.11ac 5 GHz WiFi Access with internal MU-MIMO 4x4 antennas

USB interface

- » 1x1A USB 2.0 port

Wireless features

- » 802.1x, WEP, WPA, WPA2, TKIP, AES, 802.11i
- » WMM for advanced Quality of Service
- » MU-MIMO and next gen WiFi 802.11ac Wave 2
- » 4x4 radio technology
- » Multiple SSID
- » Hidden SSID

Operating System support

- Windows® 7
- Windows® 8
- Windows® 8.1
- Windows® 10
- Mac OS X 10.4 or higher

Management & monitoring

By Operator

- » TR-069
- » CLI
- » SNMP

By End-user

- » Desktop GUI


General features

- » i-panel (touch) with proximity functions WiFi On/Off, WPS
- » Easy set-up/installation
- » Works with any router
- » Wall mount compatible

Coverage *

- » 1x Pulse – apartment
- » 2x Pulse – 2 floors
- » 3x Pulse – 3 floors

Status LEDs

-  Device Status
-  Internet/Uplink
-  WiFi (2.4 GHz, 5 GHz)
-  WPS

Package content

- » Pulse
- » AC adapter
- » Quick installation guide

* This is an indication. No rights can be derived. Coverage depends strongly per household.

Pulse product models

Model	Type	WLAN interface	Connectivity	WPS	Remark
Pulse	In-Home WiFi Repeater/Extender	2,4 GHz WiFi Access with internal MIMO 2x2 antennas 5 GHz WiFi Access with internal MU-MIMO 4x4 antennas	1x WAN, 1x LAN, 1x USB 2.0, Power AC	Yes	-