Genexis EX400

Pulse Series

The heartbeat in your home

The Pulse EX400 is a 4x4 In-Home WiFi extender (i.e., wired and wireless) with outstanding WiFi performance, improving coverage throughout the home.
It can be easily integrated to the home network with Zero Touch pairing function.

The Pulse EX400 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.

Key features

· Small size, flexible placement options

· MU-MIMO (Multi-User, Multiple Input, Multiple Output) and 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

· CloudSight compatible

Power to the end-user and the service provider

The Pulse EX400 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. The Pulse EX400 combines a minimal form factor with maximum performance.

How can you achieve full home WiFi coverage?

Extend your connectivity with a Pulse EX400 WiFi extender. EX400 will extend the range of your wireless home network by pairing wired or wirelessly to your home gateway. For larger, or more complex environments, pair and connect multiple Pulse EX400 devices.

· Excellent WiFi performance throughout the home

· Dual band, 2,4 GHz and 5 GHz

Product features and specifications
Genexis Pulse EX400

General specifications

Dimensions (H x W x D)	30x125x125 mm
Weight approx.	190 g
Power supply voltage	12 Vdc ± 5% 2A
Operating temperature	0 - 45 °C
Storage temperature	0 - 70 °C

WAN interface
1x10/100/1000 BASE-T Ethernet port

LAN interface
1x1000/100/10Base-T RJ45 interfaces

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
802.11ac Wave 2
4x4 radio technology
Multiple SSID
Hidden SSID

User interfaces
1 x Reset button
1x LAN interface
1 x Power connector

Management and control
TR-069
IUP
CLI
CloudSight
Fail-safe firmware upgrade
End user management via web interface
Reset button for factory default settings

By End-user
Desktop GUI

General features
i-panel (touch)
WiFi WPS
Easy set-up/installation
Works with any router
Wall mount compatible

Emissions and safety regulations
Radio Equipment Directive 2014/53/EU
Ecodesign requirements for Energy Related Products Directive 2009/1257EC
RoHS Directive 2011/65/EU
For the evaluation regarding these Directives, the following standards have been applied:
· EN 55024 v2.1.1
· EN 55032:2012
· EN 61000-3-2:2014
· EN 61000-3-3:2013
· EN 55024:2010
· EN 300328 v2.1.1
· EN 301893 v2.1.0
· EN 301489-1 v2.1.1
· EN 301489-17 v3.1.1
· IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013
· EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013

Status LEDs

Device Status	○
Internet/Uplink	🌐
WiFi (2.4 GHz, 5 GHz)	📶
WPS	WPS

Genexis EX400 product models

Model	Type	WLAN interface	Connectivity	WPS
Pulse EX400	In-Home WiFi Gateway/ wired extender / wireless extnder (3-in-1)	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

Note: Not every listed feature may be included in the shipping product. We reserve the right to make changes of technical specifications, housing or design without prior notice.