



Preliminary document

Genexis EX600

Pulse-Series

The heartbeat in your home



Pulse EX600 is an In-Home WiFi 3 in 1 device that supports the latest WiFi 6 standard. extender/repeater with outstanding WiFi performance, improving coverage throughout the home. It can be easily integrated to the home network with ZeroTouch pairing function.

Pulse EX600 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
- 802.11ax (WiFi 6)
- 5GHz (4x4) and 2.4GHz (2x2) radio design
- Easy set-up/installation
- 3 in 1 software (i.e., extender/repeater/router)
- Seamless interoperability with large variety of residential gateways
- Wall mount compatible
- CloudSight compatible

Power to the end-user and the service provider

Pulse EX600 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 EX600 combines a minimal form factor with maximum performance.



Product features and specifications

Genesis EX600

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

1x 10/100/1000 Base-T Ethernet RJ45 interfaces

LAN interface

2x 10/100/1000 Base-T Ethernet RJ45 interfaces

WLAN interface

Integrated 802.11ax 2.4 GHz WiFi

- Access with internal 2x2 antennas

Integrated 802.11ax 5 GHz WiFi

- Access with internal 4x4 antennas

USB interface

1x USB 2.0 port

Wireless features

802.11ax, WMM, WMF, Beamforming, WPA2, WPA3

4x4 radio technology

Multiple SSID

Hidden SSID

WiFi EasyMesh™ (roadmap 2021)

User interfaces

1 x Reset button

2x 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

For End-user

Desktop GUI

General features

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 2009/125/EC

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 62368-1:2014 (Second Edition) + AC:2015 + A11:2017
- ITU - K.21 basic test level

Status LEDs

Device Status

Package content

Pulse EX600

AC adapter

Quick installation guide

Preliminary document

*In development

**Standard may change once CE process is finished

Genesis Pulse EX600 product models

Model	Type	WLAN interface	Connectivity	WPS
Pulse EX600	In-Home WiFi Router/Extender/Repeater (3in1)	2,4 GHz WiFi Access with internal 2x2 antennas 5 GHz WiFi Access with internal 4x4 antennas	1x WAN, 2x 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.