



Genexis Pulse EX600

Pulse Series

The heartbeat in your home



It adapts! That is what the Pulse EX600 does. It adapts your mobile devices to experience an optimal WiFi connectivity in the home.

It adapts to different in-home situations as it is a multi-purpose device that can be used as a router and extender. The Pulse EX600 supports the latest WiFi 6 standards, improving WiFi coverage throughout the home by providing an outstanding WiFi performance.

Key features

- Compact size, flexible placement options
- 802.11ax (WiFi 6)
- Wi-Fi EasyMesh™
- 5GHz (4x4) and 2.4GHz (2x2) radio design
- Easy setup/installation
 - EasyTouch Pairing with selected Genexis devices
- Supported 3-in-1 features:
 - Router
 - Wired extender
 - Wireless extender
- Seamless interoperability with large variety of residential gateways
- Wall mount compatible
- CloudSight compatible
- Using recycled plastics

It adapts to your home network as it easily integrates with other access points via EasyTouch pairing functionality.

It adapts the load balancing within the home network thanks to its Wi-Fi EasyMesh™ function. Meaning end-users will enjoy an optimal WiFi experience throughout the home.

Always the best WiFi experience with Wi-Fi EasyMesh™

When two (or more) Pulse EX600 devices are integrated in the same network, automatically a mesh network is created between the installed Pulse EX600 devices.

Thanks to this mesh network, end-users are able to fully experience the best WiFi connectivity throughout the whole home. Its mobile steering capabilities keep the load balance of the network in mind to steer the mobile devices to the correct access point.

Meaning that when the end-user freely walks through the home, it automatically connects to the most optimal access point at all time.

Resulting in the best possible WiFi experience for the end-user.



Product features and specifications

Genesis Pulse EX600

General specifications

Dimensions (H x W x D)	37x135x135 mm
Weight approx.	310 g
Power supply voltage	12 Vdc ± 5% 1,5A
Operating temperature	0 - 45 °C
Storage temperature	-25 - 70 °C
Relative humidity	10% - 95%

WAN interface

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

LAN interface

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

WLAN interface

2x2 MU-MIMO 802.11ax 2.4 GHz WiFi

4x4 MU-MIMO 802.11ax 5 GHz WiFi

USB interface

1x USB 2.0 port

User interfaces

Power connector

Power switch

Reset button

WPS button

RGB status LED

End-user web based GUI

Wireless features

WiFi MultiMedia (WMM)
 WiFi Protected Setup (WPS)
 WiFi Security (WPA, WPA2, WPA3)
 Wi-Fi EasyMesh™ R2
 DFS and Radar Detection
 Multiple SSID and hidden SSID
 Guest network SSID

Ethernet features

IPv4 and IPv6 dual IP stack
 VLAN (un)tagging, Q-in-Q, QoS
 PPPoE, L2TP, IGMPv3

Gateway features

NAT/PAT, DHCP, DNS
 NTP, RTSP
 Stateful Packet Inspection Firewall (SPIF)
 DMZ, uPnP, Port forwarding

USB features

NTFS and FAT32 file system storage devices

Management and control

SNMP
 TR-069, TR-369
 TR-181 data models
 Command Line Interface (CLI)
 CloudSight
 Fail-safe firmware upgrade

Regulatory compliance

Radio Equipment Directive 2014/53/EU
 Energy Related Products Directive 2009/125/EC
 CE Safety Directive 2014/35/EU
 RoHS and REACH Directive 2011/65/EU
 ITU-T K.21 standard compliancy

Genesis Pulse EX600 product models

Model	Type	Uplink WAN (Mbps)	LAN (Mbps)		WLAN 2x2 2.4 GHz	WLAN 4x4 5.0 GHz	USB
Pulse EX600	In-Home WiFi: router/wired extender/wireless extender (3-in-1)	10/100/1000	2x	10/100/1000	11ax	11ax	1x

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.