



## Genexis EX400

### Pulse-Series

The heartbeat in your home



EX400 is a 4x4 In-Home WiFi extender/repeater with outstanding WiFi performance, improving coverage throughout the home. It can be easily integrated to the home network with ZeroTouch pairing function.

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

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. EX400 combines a minimal form factor with maximum performance.

#### How can you achieve full home WiFi coverage?

Extend your connectivity with an EX400 WiFi Expender-Repeater. 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 EX400.

- Excellent WiFi performance throughout the home
- Dual band, 2,4 GHz and 5 GHz
- Easy to connect and set up with "ZeroTouch pairing"



# Product features and specifications

## Genesis 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 2009/125/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 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



### Package content

EX400

AC adapter

Quick installation guide

## Genesis EX400 product models

Model	Type	WLAN interface	Connectivity	WPS
EX-400	In-Home WiFi Router/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