LigoWave

LigoPTP 6-25 RapidFire
installation

Package content

M8 bolts (7 pc.)

x2

x1

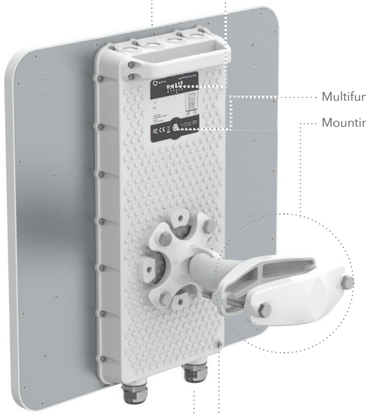
x4

802.3af PoE injector

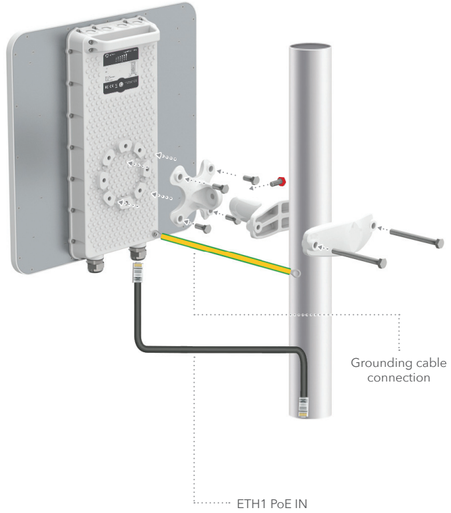
AC/DC power adapter

Mounting bracket

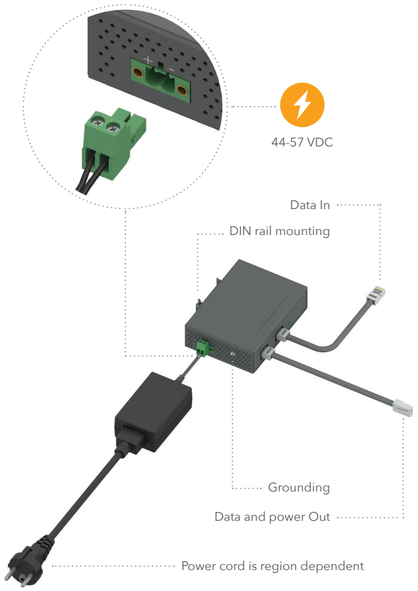
Hardware overview



LigoPTP 6-25 RapidFire installation



PoE connection



Multifunction button

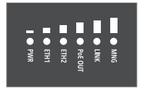
The Multifunction button, located on the back panel of the LigoPTP RapidFire 6-25 (refer to the Hardware overview picture) is able to perform following functions:

Activate LED indication	Click
Switch to RSSI or Status indication	Click
Enable WiFi management radio	Hold until 3 Blue LEDs are on
Reset device to factory defaults	Hold until all Blue LEDs start to blink

LEDs

The LigoPTP RapidFire 6-25 has 6 LEDs located on the back panel, which can indicate either main device operation status or RSSI level.

After the LigoPTP RapidFire 6-25 is powered up, the LEDs display status indications.



RSSI Signal level (antenna alignment) indication

Click once the multifunction button to switch LEDs for displaying RSSI level.

Each RSSI Signal LED changes color depending on the LigoPTP link's signal strength from the lowest (amber) to the highest (green):

The stronger signal of the LigoPTP link is, more LEDs are on:

≤ -89 dBm (too low)

-88 to -86 (dBm) -85 to -83 (dBm) -82 to -80 (dBm)

-79 to -77 (dBm) -76 to -74 (dBm) -73 to -71 (dBm)

-70 to -68 (dBm) -67 to -65 (dBm) -64 to -62 (dBm)

-61 to -59 (dBm) -58 to -56 (dBm) -55 to -53 (dBm)

-52 to -50 (dBm) -49 to -47 (dBm) -46 to -44 (dBm)

-43 to -41 (dBm) -40 to -38 (dBm) -37 to -35 (dBm)

≥ -34 dBm (too high)

Connection options

Remote wireless access

This is the easiest way to access the web management interface of the newly installed LigoPTP RapidFire device.

1. Power off and power on again the LigoPTP Rapid Fire unit to switch it to a remote wireless management mode. The mode will be switched off automatically in 10 minutes of wireless inactivity.
2. Scan for the wireless devices using your phone/tablet and choose the LigoPTP RapidFire wireless network name, which is LigoWave-mng-AABBCC (where AABBCC are the last three bytes of the particular RapidFire MAC address)

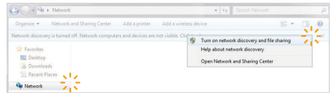
3. Launch the browser application and type the default LigoPTP RapidFire IP adress 192.168.111.1 in the address field.

4. The setup wizard screen appears, the LigoPTP RapidFire is now ready for configuration.

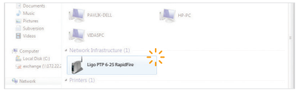
Ethernet access

By default LigoPTP RapidFire obtains the IP address from the DHCP server thus follow the steps to access device using Windows OS (for information how to access via other OS, refer to http://www.ligowave.com/wiki/faq/):

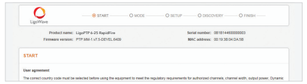
1. Connect your PC to the LigoPTP RapidFire via Ethernet.
2. Open Windows Explorer, click on Network drive, and turn on Network discovery:



3. Find the required LigoPTP RapidFire icon:



4. Double-click on LigoPTP RapidFire icon – you will be redirected to the LigoPTP RapidFire webpage. The LigoPTP RapidFire is now ready for configuration:



If the LigoPTP RapidFire is unable to obtain IP address from a DHCP server, it fallback to the default static IP 192.168.2.66.

Important information

Notice

Product size and shape are subject to change without prior notice, and actual product appearance may differ from that depicted in the user guide.

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Antenna Type	Integrated antenna
Max. Antenna Gain (dBi)	25dBi
Max. Tx power (dBm)	Up to 30 dBm (country dependent)
Max. EIRP (dBm)	53dBm
Supported frequencies range	5.900 - 6.400 GHz
Power supply	PoE 802.3at, isolated 42 - 57 VDC
Power consumption (max)	8.6W

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Contact information

Technical support
If you encounter problems when installing or using this product, please consult the LigoWave website at www.LigoWave.com for:

- Direct contact to the LigoWave support centers.
- Frequently Asked Questions (FAQ).
- Download area for the latest software, user documentation and product updates.

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