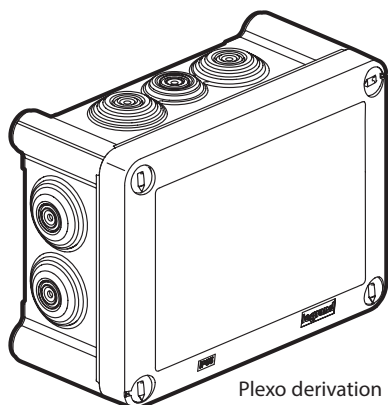
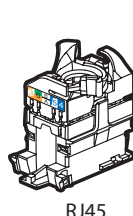


IP55 802.11b/g/n/ac Wi-Fi access point

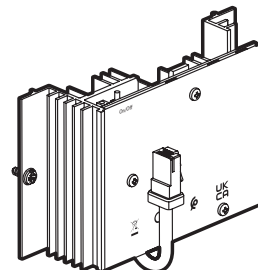
Cat. No(s): 0 336 12



Plexo derivation box



RJ45



Wi-Fi access point

1. GENERAL CHARACTERISTICS

IP 55 Wi-Fi access point for homes and small business premises.

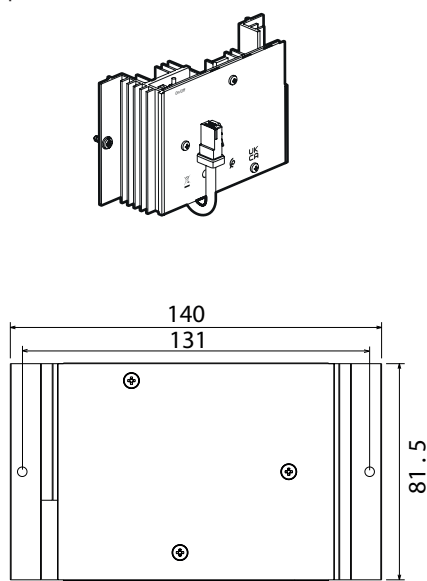
- The Wi-Fi PoE access point, easy to install and configure, looks just like a junction box, so it's hard to recognise. This increases cyber security and reduces the risk of theft and damage
- Broadcasts the Wi-Fi signal as an extension of the main signal (distant Internet Provider Box = loss of signal in certain areas)
- Installs on the wall and wired like an RJ 45 socket using 4 twisted pair cable
- Powered by a PoE Gigabit switch located in the home network cabinet
- Easy to configure in just a few clicks using a smartphone or computer via the Legrand Home + Project application*
- Possibility of choosing the strength of the Wi-Fi signal: one room only, part of the house, entire dwelling, etc.

Colour PLEXO Grey (RAL7035) of the junction box, Cat.No 0 920 42

* if you do not wish to use the Legrand Home + Project application, you can connect directly to the Wi-Fi access point.

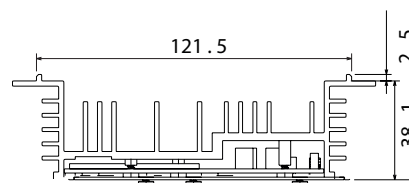
2. DIMENSIONS

Wi-Fi-access point

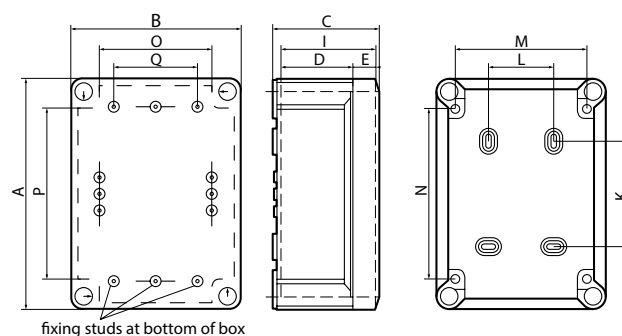
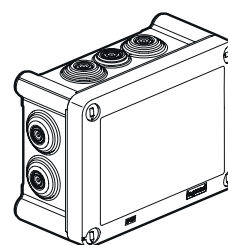


2. DIMENSIONS (SUITE)

Wi-Fi-access point (suite)



Plexo derivation box

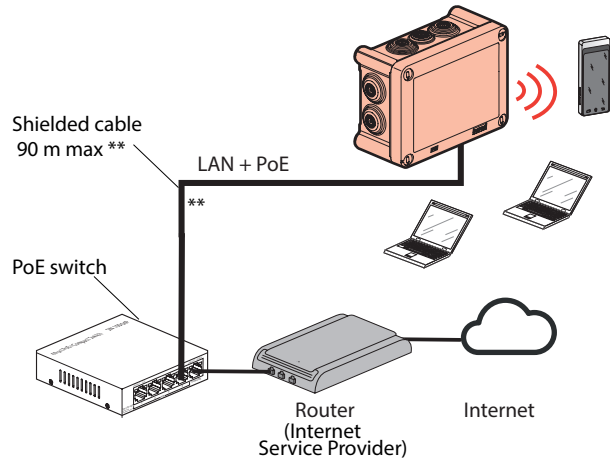


Dimensions (mm)								Box fixing				Accessories fixing			
A	B	F	G	C	D	E	I	K	L	M	N	O	P	Q	
175	130	173	128	81	56	18	67	79	50	100	128	86	131	64	

3. TECHNICAL CHARACTERISTICS

	Power supply	Power over Ethernet standard 802.3at			
	Consumption	Wi-Fi, OFF	ON, no client	ON, with client no traffic	ON, with client and traffic
		Class 2	Class 2	Class 2	Class 2
		3.8W	3.9W	3.9W	4.2W - 8.3W
	Frequencies bands	2400 MHz to 2480 MHz ISM 5150 to 5350 MHz - 5470 to 5725 MHz ISM			
	Power	20 dBm - 100 mW max			
	Security	802.11i			
	Range	Up to 20 meters in interior* Up to 80 meters in open field* *depending on the installation environment			
	Temperature	-20°C to +50°C			
	Relative humidity	max. 95%			

4. INSTALLATION DIAGRAM



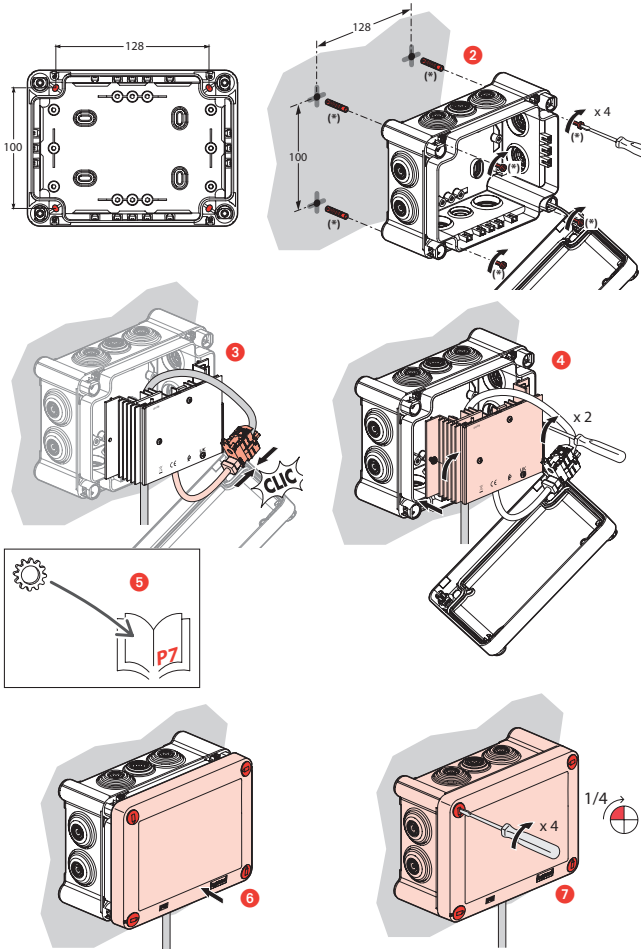
5. INSTALLATION

The Wi-Fi access point is installed like PLEXO box and wired up like an RJ 45 socket with 4 twisted pair cable.

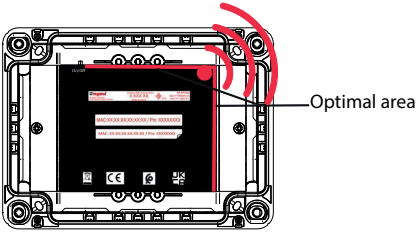
It is powered via a Power over Ethernet switch located in the home connection centre.

5.1 Main installation stages:

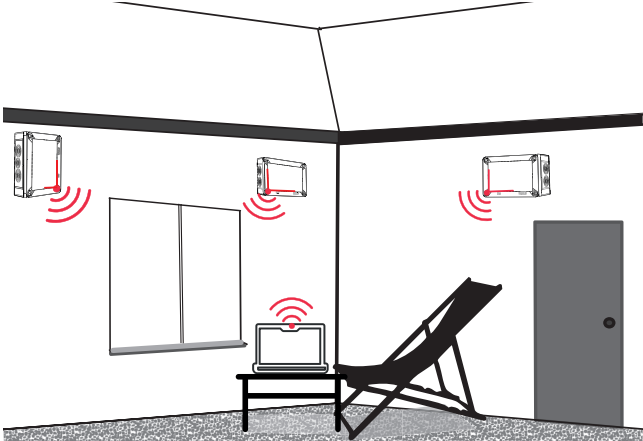
All the installation stages are detailed and to be found in the instructions sheet LE15122



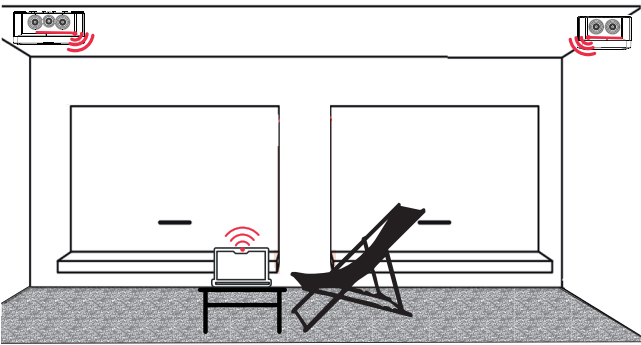
5.2 Wi-Fi Coverage:



5.3 Vertical installation:



5.4 Horizontal installation:

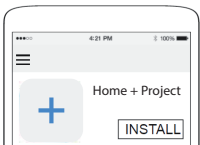


6. CONFIGURATION

Configuration with the Legrand Home + Project app (see section 6.1) or without installing the app (see section 6.2). It is not necessary to have an internet connection to configure the PoE Wi-Fi access point.

6.1 HOME+PROJET app

Once your Wi-Fi access point has been plugged in and powered via PoE, the LED flashes green, then turns blue and remains on with a steady light.
In order to configure your device, download the **Legrand Home + Project app** from one of the online app stores:

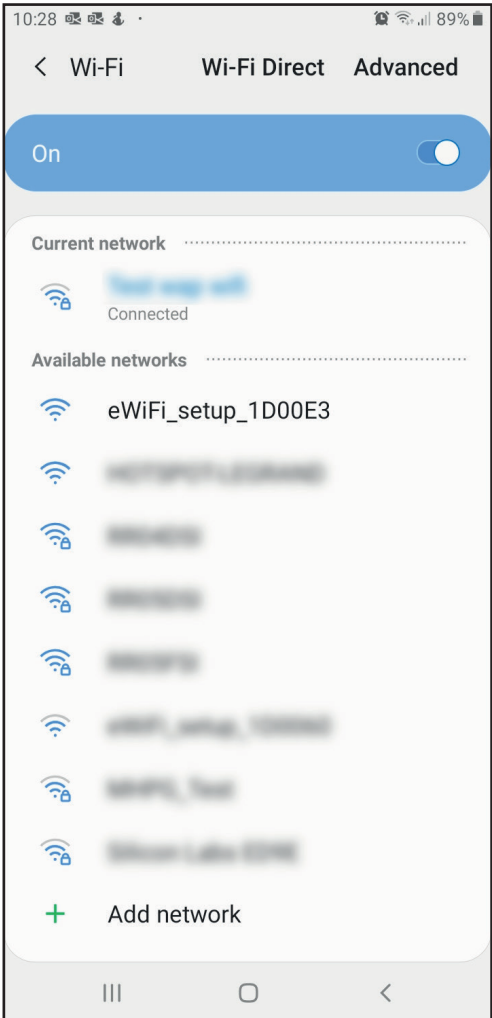


Access Wi-Fi access point configuration via "Settings"/"Other products"
Then let yourself be guided through the configuration steps.

6.2 Easy to install

Once your Wi-Fi access point has been plugged in and powered via PoE, the LED flashes green, then turns blue and remains on with a steady light.
You can now connect directly to it. If your installation has several access points, select the wireless network ending with the last few characters of the MAC address indicated on the device label (in this case eWiFi_setup_1D00E3).
Once connected, a tooltip will invite you to open the browser to configure the access point, accept. If this doesn't happen, open your web browser and type the address of your preferred site, and you will automatically be redirected to your access point's configuration page.

Then let yourself be guided through the configuration steps.



FLASH ME



and access supplements
information and configuration


7. STANDARDS AND APPROVALS


- Safety:
ETSI EN 62 368-1
- EMC:
ETSI EN 301 489-1; ETSI EN 301 489-17; EN 55 032;
EN 55 035; EN IEC 61 000-3-2; EN 61000-3-3
- Radio:
EN IEC 62 311; ETSI EN 300 328; EN 301 893;
EN 300 440; EN 302 502
- Cybersecurity:
ETSI EN 303 645 V2.1.1; EN 18 031-1
- Wi-Fi: IEEE 802.11 a/b/g/n/ac
Security IEEE 802.11i (WAP2)
- PoE: IEEE 802.3at
- Environmental:
RoHS / REACH

8. NETWORK INTERFACES

In accordance with the requirements of EN 18031, the user documentation of the equipment includes a detailed description of all network interfaces and services that are exposed in the factory default configuration.

8.1 Exposed Network Interfaces:

- Ethernet Interface (RJ45):
Enabled by default for local access to the administration interface, configured after initialization.
- Wi-Fi Interface (2.4 GHz / 5 GHz):
Enabled by default with a visible SSID, configured after initialization.
- Web Management Interface (HTTPS):
Accessible via the default local IP address, configured after initialization.
- SSH (Secure Shell) Interface:
Enabled by default for maintenance purpose (assisted by LEGRAND technical support), is a secure remote access to your systems. With end-to-end encryption, it offers a reliable solution for maintenance, file transfer, and supervision:
 - Secure remote connection for administration and diagnostics
 - Protected file transfer
 - Encrypted network tunnel for encapsulating other services
 - Strong authentication using cryptographic keys
-  Built-in Security
 - Full encryption of exchanged data
 - Replaces insecure protocols like Telnet
 - Flexible configuration: port, access control, security policies

- SSDP (Simple Service Discovery Protocol) /MDNS (Multicast DNS) Interfaces:
Enabled by default (can be manually disabled), are used to enable automatic discovery of devices and services on local networks, without manual configuration:
 - Service discovery: Allows a device to dynamically detect other compatible equipment on the network (e.g., printers, cameras, smart devices).
 - Network interoperability: Facilitates communication between devices, even across segmented environments (e.g., VLANs), using proxies or relays.
 - Configuration optimization: Reduces the need for static IP setup or manual intervention during installation.
-  Key considerations:
 - These protocols rely on multicast addresses and may generate significant network traffic if not properly managed.
 - In professional environments, it is recommended to filter or limit their scope to avoid congestion or security risks.

8.2 Services Exposed via Network Interfaces, only accessible with admin access:

- Web Administration Service:
Allows configuration of the access point via a web browser.
- DHCP Service:
Enabled to automatically assign IP addresses to connected clients.
- DNS Relay Service:
Enabled to forward DNS queries to configured upstream servers.
- NTP Service:
Enabled to synchronize system time with public time servers.
- Firmware Update Service:
Accessible via the web interface or remotely via HTTPS.