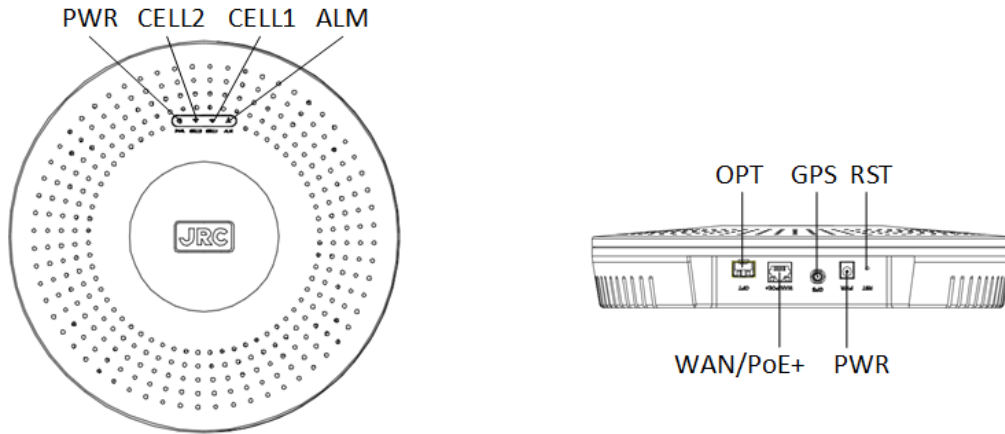


Indoor eNodeB JRL-1411

Quick Installation Guide

1.Appearance



Interface Description

PWR	12VDC, 2A power supply interface
GPS	(Optional) external GPS antenna, SMA female.
WAN/PoE+	Gigabit Ethernet and PoE+ interface, used for debug and power supply.
OPT	Optical fiber interface, connect to external transmission network, used for data backhaul.
RST	Power reset button.

Interface Indicators

PWR	Green	Steady ON	Power ON
		OFF	No power supply
CELL2	Green	Steady ON	Power ON
		Fast flash: 0.125s ON, 0.125s OFF	Data is transmitting.
		Slow flash: 1s ON, 1s OFF	The cell has been activated.
CELL1	Green	Steady ON	Power ON
		Fast flash: 0.125s ON, 0.125s OFF	Data is transmitting.
		Slow flash: 1s ON, 1s OFF	The cell has been activated.
ALM	Red	Steady ON	(Reserved)
		Fast flash: 0.125s ON, 0.125s OFF	S1 alarm
		Slow flash: 1s ON, 1s OFF	Other alarms

2. Install eNodeB

To ensure optimal coverage, place the eNodeB in an unobstructed space.

2.1 Installation Tool

			
Marker pen	Percussion drill	Cross screwdriver	hammer

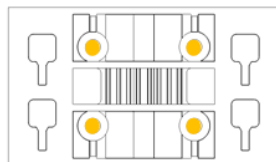
NOTE: Other accessories have been packed in the packing box.

2.2 Ceiling or Wall Mounting

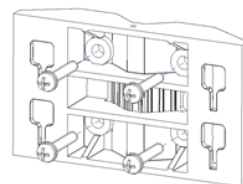
ATTENTION:

- The thickness of ceiling is not less than 18mm, and bearing more than 5kg. If the strength is not suitable, the device maybe falls off.
 - If the ceiling is made of unstable material, such as gypsum, this ceiling installation is not recommended. If the device must be installed on ceiling due to environmental restrictions, add a layer of better panel under screws to make sure the device fastness.
-

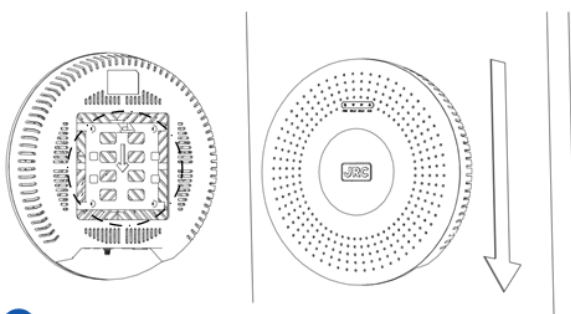
NOTE: The bracket on the device has been pre-installed.



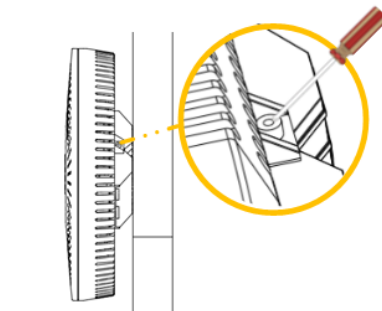
- 1 Put the bracket against the wall and marked the position, and then drill four holes.



- 2 Install expansion pipes and screws.



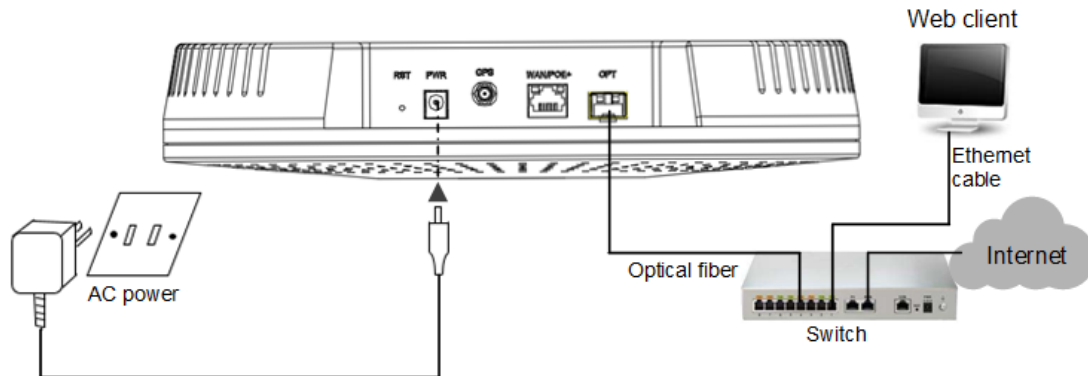
- 3 Slide the device along the arrow to fix it on the bracket.



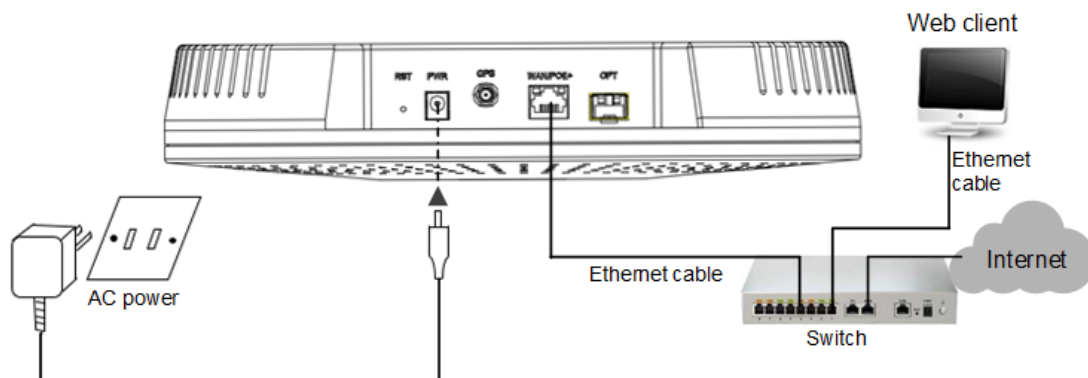
- 4 Fasten the screw on the top.

2.3 Connect Cable

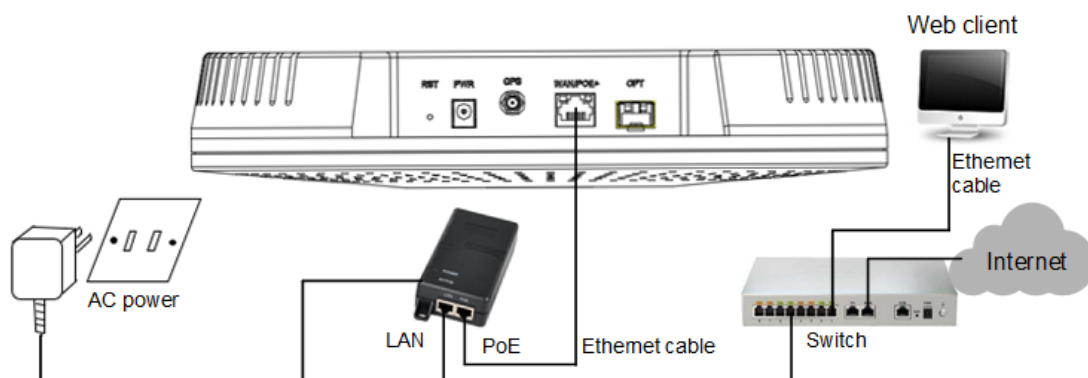
- **PWR** power supply, **OPT** backhaul



- **PWR** power supply, **WAN/PoE+** backhaul



- **WAN/PoE+** power supply and backhaul



2.4 Power ON

Power on the eNodeB, then wait a few minutes while the eNodeB boots up. Per the previous figure in “1 Appearance”, check that the LED indicators are lighting as expected.

FCC Compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.