

## Overview

JetWave4110L is a wireless industrial LoRa gateway for the Narrow-Band Internet of thing. Convert an analog signal into data packets through the analog/digital input pins and support TCP, UDP protocol. Transforming the wired into wireless and the signal into data packets. Easy to collect data from sensors and transmit cross long range distance. Connect one or multiple sensors via RS-485 Modbus. Real-time monitor and transmit through control center. By using JetWave4110L LoRa gateway can easily collect the environment database such as temperature, humidity, brightness, vibration and the quality of PM2.5

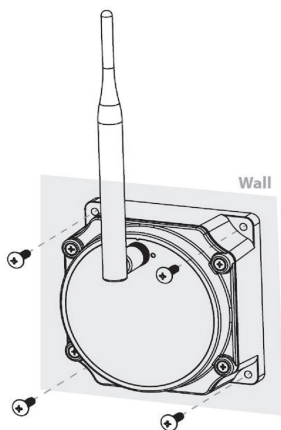
## Package List

- ▶ JetWave 4110L Lora
- ▶ Quick Installaton Gide

## Installation

### Mount the unit

There is four screw holes on the coroner of JeWave 4110L. Take screws from the box and fix the Lora on the wall.

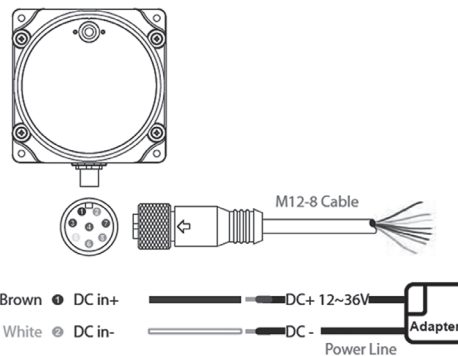


### Wiring the Power Inputs

Wiring the Power Inputs

1. Insert the brown wire (positive) and white (negative) wires into the V+ and V- contact on the M12-8 cable.
2. Connect cable to the JetWave 4110L

Note: The recommended working voltage is DC 12-36V

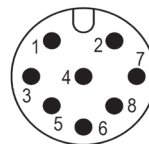


## Indicator

<b>Status Indicator</b>	Green lights stay on: Wireless data receiving. Red lights stay on: Wireless data transmission. Green + Red lights stay on: RF part entry boot mode.
<b>Power Indicator</b>	Green lights stay on: Power ready. Red lights stay on: Entry setup mode. Green + Red lights stay on: Main part entry boot mode.

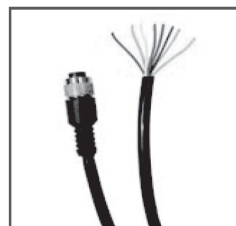
## Interface

1. DC in+: 12V to 36V DC / 1A
2. DC in-: GND
3. DC out+: 5V DC / 200mA
4. DC out-: GND
5. RS-485 A: Non-isolator differential interface, Data-
6. RS-485 B: Non-isolator differential interface, Data+
7. A / D input: Analog Input support 0-10 V / 4-20 mA / ADC  
Digital Input support High / Low signal judge
8. Dio output: Digital Output support PWM / Latch Mode  
Antenna Connector: RP-SMA-Female



## M12-8 Cable

Pin Define	Cord end Terminal Color	Pin Function
1	Brown	DC in+
2	White	DC in-
3	Green	DC out+
4	Red	DC out-
5	Yellow	RS-485 A
6	Gray	RS-485 B
7	Blue	A/D input
8	Pink	D output



## Support

### 5 Years Warranty

Each of Korenix's product line is designed, produced, and tested with high industrial standard. Korenix warrants that the Product(s) shall be free from defects in materials and workmanship for a period of five (5) years from the date of delivery provided that the Product was properly installed and used.

This warranty is voided if defects, malfunctions or failures of the warranted Product are caused by damage resulting from force measure (such as floods, fire, etc.), other external forces such as power disturbances, over spec power input, or incorrect cabling; or the warranted Product is misused, abused, or operated, altered and repaired in an unauthorized or improper way.

**Attention! To avoid system damage caused by sparks, please DO NOT plug in power connector when power is on.**

The product is in compliance with Directive 2002/95/EC and 2011/65/EU of the European Parliament and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronics equipment (RoHS Directives & RoHS 2.0)

### Korenix Customer Service

KoreCARE is Korenix Technology's global service center, where our professional staffs are ready to solve your problems at any time Korenix global service center's e-mail is [KoreCARE@korenix.com](mailto:KoreCARE@korenix.com).

For more information and documents download please visit our website:

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## Korenix Technology Co., Ltd. (A Beijer Electronics Group Company)

Tel: +886-2-89111000

Fax: +886-2-29123328

Business service: [sales@korenix.com](mailto:sales@korenix.com)

Customer service: [koreCARE@korenix.com](mailto:koreCARE@korenix.com)

[www.korenix.com](http://www.korenix.com)

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Granted Invention: I 376118  
Granted Invention: I 393317  
Granted Invention: I 398066  
Granted Invention: I 398125  
Granted Invention: I 459757  
Utility Model: M 339841  
Utility Model: M 339840