IXWB-150 / IXWB-300 5G Wireless Bridge

◢ Overview

IXWB-150/300 are 5G wireless bridges, that can transmit long distance, up 1Km (in an optimal environment). Point-to-point wireless internet transmission is a cost-effective solution, compared to a wired network, and supports PoE, allowing for a simple and quick installation.

◢ Features

- **Max 1km Wireless Data Transmission:**
  Point to point transmission mode, stable wireless transmission

- **5G frequency band (minimum interference and stable signal):**
  Free choice clean 5G band (Improved stability during transmission)

- **Built-in industrial antenna:**
  Special dual directional polarized antenna, with Broadband wireless cover

- **External PA and LNA:**
  American external Skyworks PA and LNA, suitable for long distance transmission

- **Solid Cap:**
  Enhanced design for a stable and durable device

- **Outdoor use supported:**
  Special hardware and robust design (8KV lightning protection) for use in harsh outdoor environment

- **Easy to use:**
  Default bridge connection, plug and play, diverse configuration.

◢ Specification

Model	IXWB-150	IXWB-300
CPU	QUALCOMM Industrial Chipset	
Flash	8MB	
DDR	64MB DDR2	
Frequency	5.15~5.25GHz, 5.735~5.835GHz	
Wireless Standards	802.11a/n	
Wireless Speed	Up to 150Mbps	Up to 300Mbps
Transmission Power	MAX 20dBm	
Maximum transmission distance	1KM(point to point), Stable bandwidth up to 60M (in an optimal environment)	
Multi-port transmission	Support 2 ports & above; Default setting point to point	
Reception sensitivity	Up to -97dBm	
Port	2 10/100M adaptive LAN ports, LAN1 support 24V PoE power supply	
Button	reset	
LED	Radio signal: clear lamp, good condition. LAN indicator light: bright light when the connection is good. If not, the connection is not done properly. Blinking light to indicate the data transmission status Power indicator light: shows the state of power. Built-in 5G directional polarized antenna.	
Antenna	Reception: 8 dBi Horizontal angle: 40 degrees Vertical angle: 30 degrees	
Power Consumption	< 7W	
Dimensions	200 X 110 X 61mm	
Weight	270g	
Environment	Operating Temperature: -30℃~55℃ Storage Temperature: -40℃~70℃ Operating Humidity: 10% ~ 90%RH non condensation Storage Humidity: 5% ~ 90%RH non condensing Support power on at -40℃	
Certification	FCC, CE, KC	