

23dBi 15km Wireless Network Bridge RG-AIRMETRO460G



The RG-AIRMETRO460G is a directional 5 GHz wireless bridge that is part of the Ruijie Reyee Air Metro series. The RG-AIRMETRO460G is a high-powered WISP antenna used to transmit and receive signals at a 9° angle up to 15 km for private wireless data networks. The RG-AIRMETRO460G has 23 dBi of gain and can be used in PTP (Point to Point) and PTMP (Point to Multi-point) networks with up to 32 clients*. Ideal for use in linking buildings, farms, mining sites, etc, for creating long-range wireless links without the need for any expensive backhauls..

3-Year Manufacturer’s Warranty

Refer to website for full terms & conditions

Features and Benefits

- » Semi-directional 5 GHz, 23 dBi Horizontal 9°, Vertical 9° WISP link antenna with up to 15 km range when used for PTP links**
- » Used with RG-AIRMETRO550G-B Base Station and 57MM-SAOx antennas as the CPE antenna for omnidirectional and semi-directional PTMP high-speed wireless links.
- » Free cloud management for ease of setup and remote monitoring of the network
- » Free site survey tool included with spectrum scan and link optimisation for ease of network design and configuration
- » Simple no fuss one-touch pairing system
- » No need for expensive fibre backhauls with Ruijie’s modern, reliable wireless technologies
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- » * PTMP requires use with RG-AIRMETRO550G-B and one model of RG-ANTxx antenna at the Base Station location, the RG-AIRMETRO460G is only used at the CPE end when used in PTMP solutions.
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- » ** When aligning two RG-AIRMETRO460G over a long-range, the link window is very narrow and may take time to fine-tune for optimal performance. The Ruijie Reyee App has an alignment tool to assist with this step.

Hardware Specifications	
Working Distance	15 KM
Gain	23 dBi
Angle	V:9°,H: 9°
Capacity	5 GHz, 867 Mbps
Port	1 10/ 100/ 1000 Mbps
IP rating	IP65
Operation Temperature	-40°C to 70°C
Electrostatic Protection	±24 kV Contact/ Air
Lighting	6kV
Power	24 V Passive PoE
LED	3 Signal Strength LED
Software Specifications	
Management System	Ruijie Cloud EWeb SNMP(future version)
Pairing Method	One-press pairing in 30s App pairing in 2 mins

