

RG-ANT20S-90

90° Sector Antenna of RG-AirMetro Series Wireless Bridges



Highlights

- Choose from Three Antennas for Diverse Scenarios
- IP55 Rating against Harsh Environment
- All-in-one Cloud Management Simplifies the User Journey

/ Highlight Features



RG-AirMetro Series Wireless Bridges

After pairing, the bridges support:

- 10 km**
Up to 10 km Wireless Transmission
- 32 PTMP**
Up to 32 PTMP Links
- Easy Site Survey Tool**
- All-in-One Cloud Management**

The image shows four models of wireless bridges with their dimensions indicated by vertical lines and labels:

- RG-AirMetro550G-B**: 200 mm
- RG-ANT16S-120**: 301 mm
- RG-ANT20S-90**: 634 mm
- RG-ANT13-360**: 769 mm

Highlight Features

A **Perfect Match** for Different Devices and Scenarios



RP-SMA
Connectors

Fast Pairing

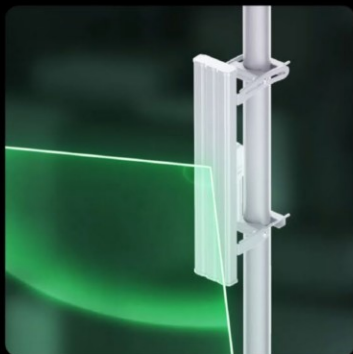
One-Touch Pairing All in 30 sec



Highlight Features

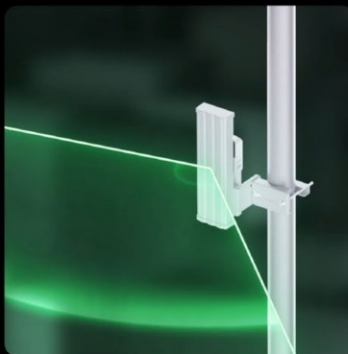
Antennas

Triple Devices, Beyond Triple Choices



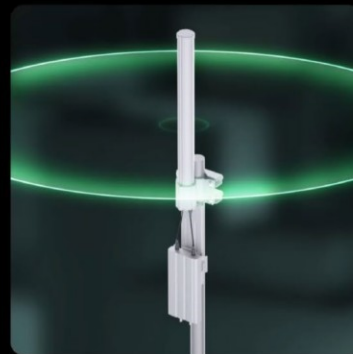
RG-ANT205-90

5 GHz, 20 dBi
H: 90°, V: 7°
10 km



RG-ANT16S-120

5 GHz, 16 dBi
H: 120°, V: 10°
5 km



RG-ANT13-360

5 GHz, 13 dBi
H: 360°, V: 7°
2 km

Still Stable

Fearless of Harsh Environment

IP55

IP55
Weatherproof



220.32 km/h
(137 mph)
Wind Survivability

6kV

6 kV
Surge Protection

24kV

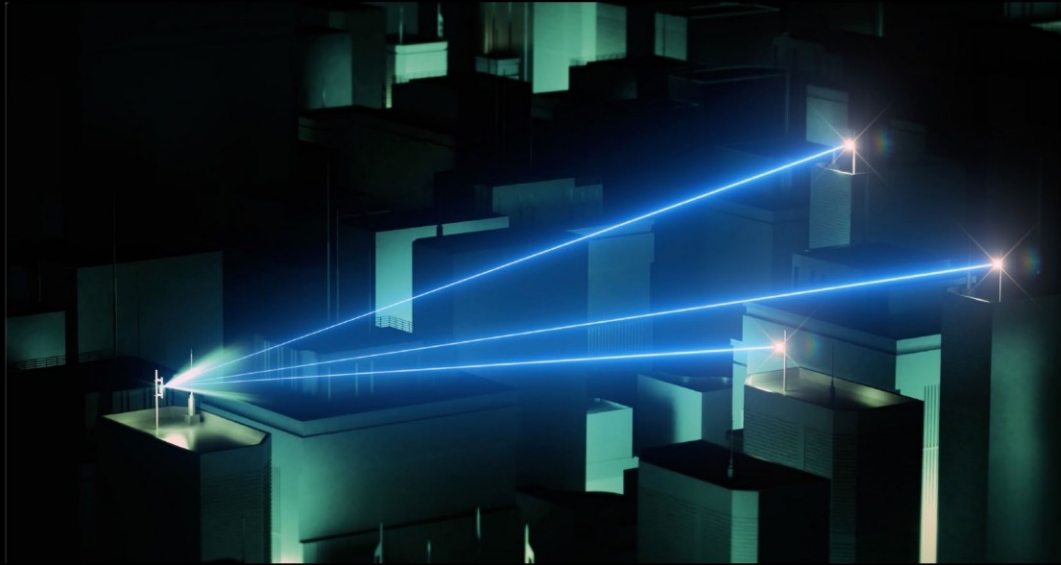
24 kV
Contact/ Air
ESD



Highlight Features

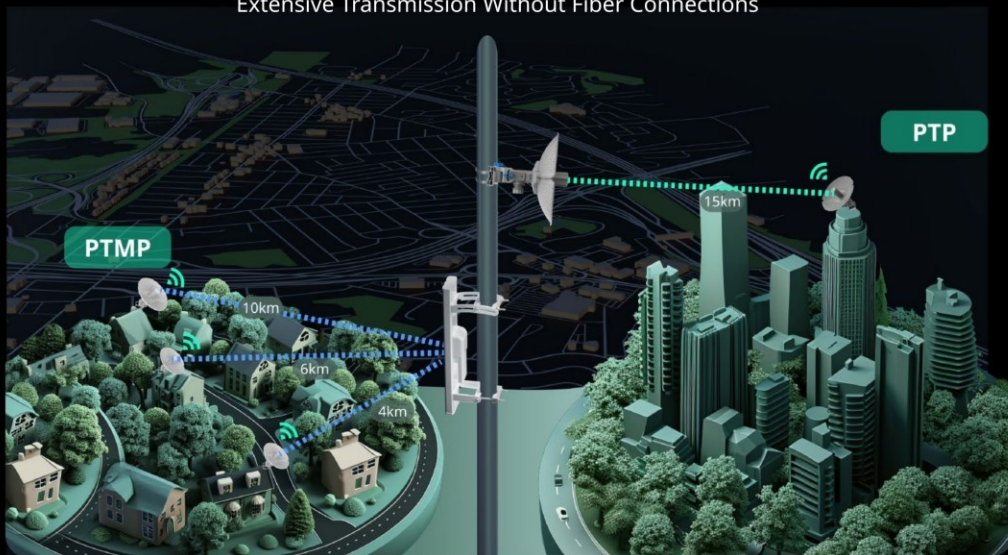
PTMP

Up to **32** PTMP Links



WISP

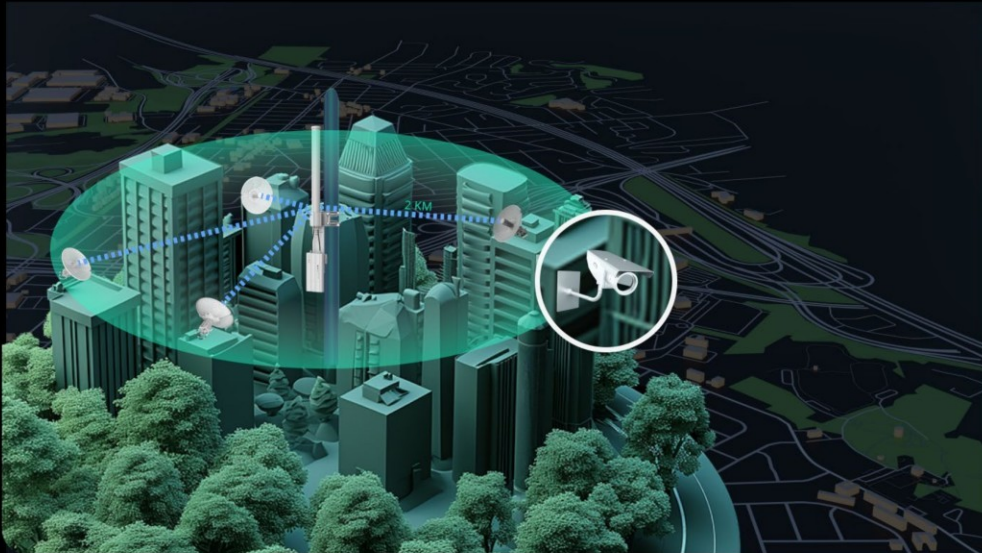
Extensive Transmission Without Fiber Connections



Highlight Features

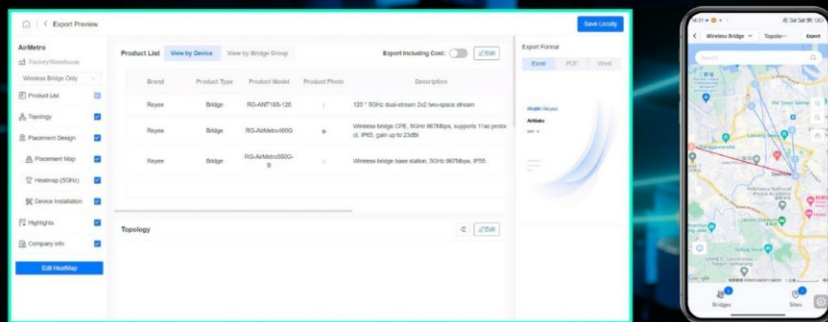
CCTV

Affordable Excellence and Smooth Surveillance



AI Heatmap for Bridge

Your Real Outdoor Adventure Companion

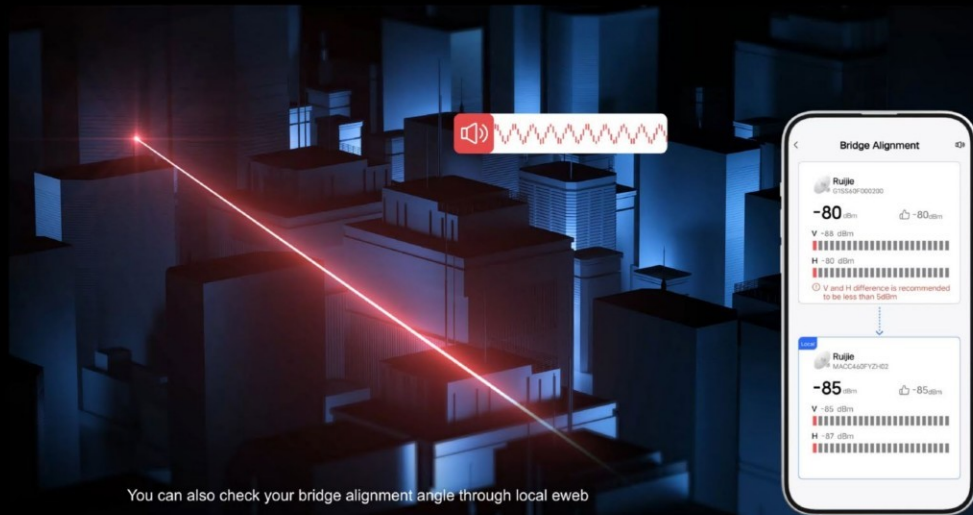


Available on both Ruijie Cloud and Ruijie Reyee App

Highlight Features

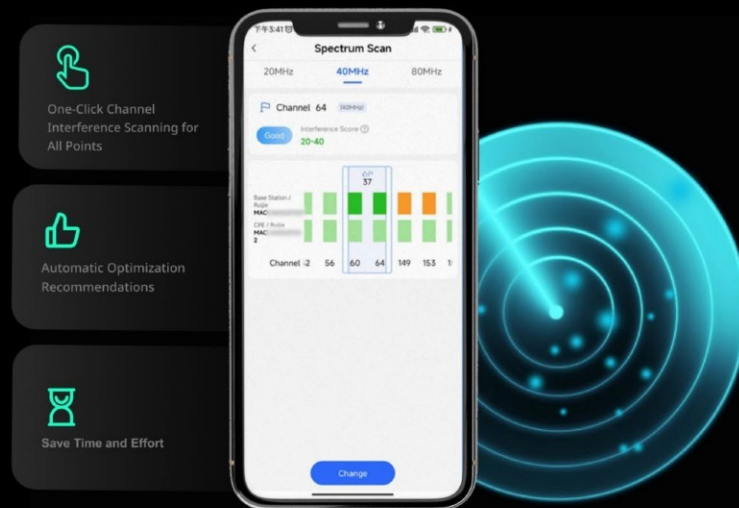
Alignment Tool

Your Big-Voice, Time-Saver Guide



Spectrum Scan and Link Optimization

Thumbs-Up Guide

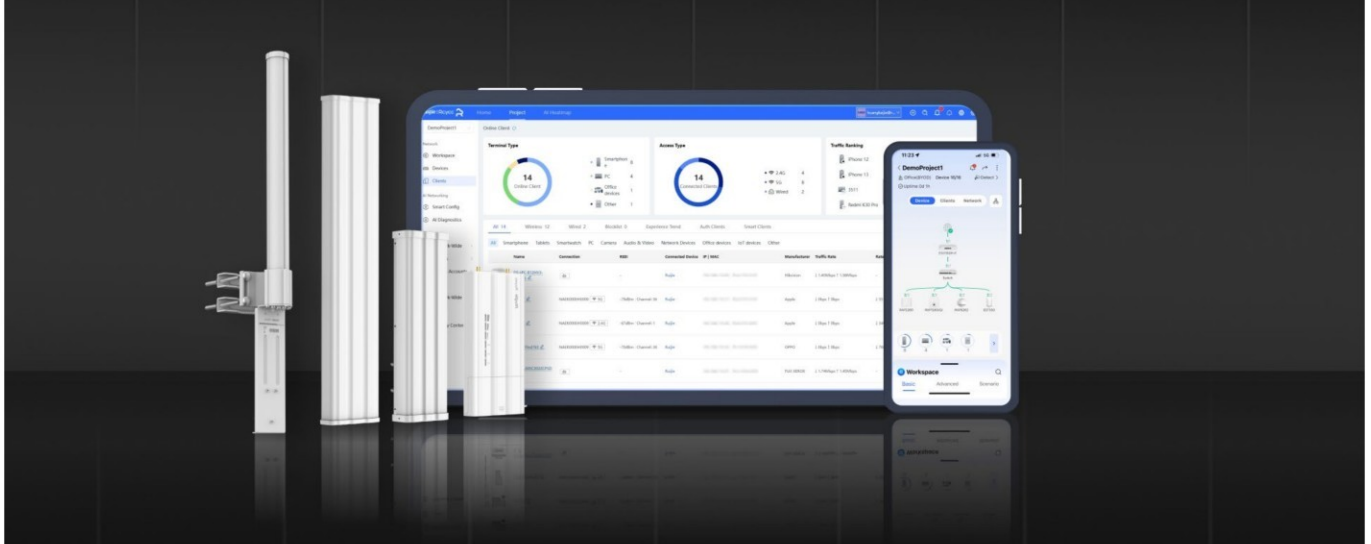


Available on both Ruijie Cloud and Ruijie Reyee App

/ Highlight Features

Cloud: Make Your Business Easy

- Quick Setup
- All-in-one Cloud
- Monitoring based on Real, Complete Topology
- Identifying Issues by Auto-Alarm



Product Information

Model	RG-ANT20S-90
Product Type	Antenna
Accessory	No

Hardware Specifications

Model	RG-ANT20S-90
Environment and Reliability	
Mounting options	Pole
Operating temperature	−40°C to +80°C (−40°F to +176°F)
Storage temperature	−40°C to +85°C (−40°F to +185°F)
Operating humidity	5% RH to 95% RH (non-condensing)
Storage humidity	5% RH to 95% RH (non-condensing)
Altitude	Operating altitude: -500 m to +5,000 m (-1,640.42 ft. to +16,404.20 ft.) Storage altitude: -500 m to +5,000 m (-1,640.42 ft. to +16,404.20 ft.)
MTBF	400,000 hours (about 45 years)
Cooling	Natural cooling
IP rating	IP55
Applicable Scenarios	
Applicable Scenarios	WISP

Hardware Specifications

Model	RG-ANT20S-90
Antenna	
Antenna	5 GHz: 2 x 2 Panel antenna, horizontal: 90°, vertical: 7°
Antenna gain (5 GHz)	20 dBi
Antenna horizontal orientation	90°
Antenna vertical orientation	7°
Dimensions and Weight	
Weight	1.82 kg (4.01 lbs) (without packaging materials)
Shipping weight	4.5 kg (9.92 lbs)
Product dimensions (W x D x H)	139.9 mm x 48.9 mm x 694 mm (5.51 in. x 1.93 in. x 27.32 in.) (excluding mounting bracket)
Package dimensions (W x D x H)	750 mm x 195 mm x 165mm (29.53 in. x 7.68 in. x 6.5 in.)
Color	Elegant white

Package Contents

Model	RG-ANT20S-90
Device	
Device	1
Accessories	
RF cable	2
Mounting bracket	1 x Uptilt bracket 1 x Downtilt bracket 2 x Pole bracket 2 x Pole clamp
Screw	8 x Hexagon Flange Nut 4 x Phillips Hexagon Flange Bolt 4 x Cup Head Square Neck Bolt with Large Head
Protective cover	1
Manual	
User Manual	1

Ruijie | ReYee

 **R**edefine **y**our **e**asy network



Ruijie Networks Co., Ltd.

Official Website: <https://Reyee.Ruijie.com>



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