

# 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



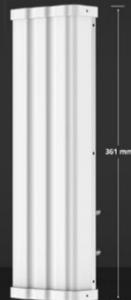
Easy Site Survey  
Tool



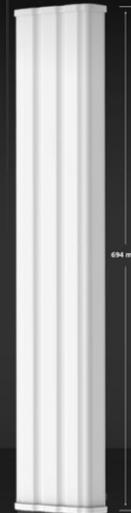
All-in-One Cloud  
Management



RG-AirMetro550G-B



RG-ANT16S-120



RG-ANT20S-90



RG-ANT13-360

## / Highlight Features

### A Perfect Match for Different Devices and Scenarios



RP-SMA  
Connectors

### Fast Pairing

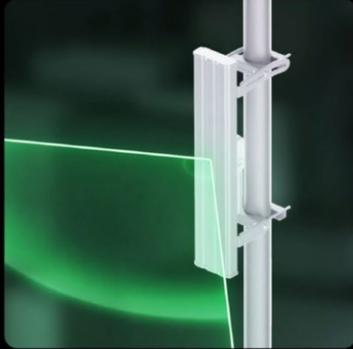
One-Touch Pairing All in 30 sec



# Highlight Features

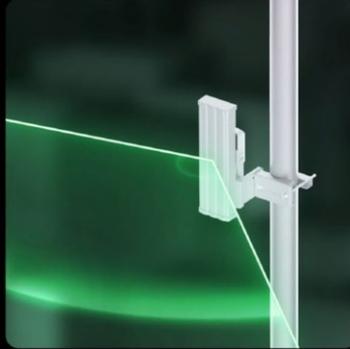
## Antennas

Triple Devices, Beyond Triple Choices



**RG-ANT20S-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**

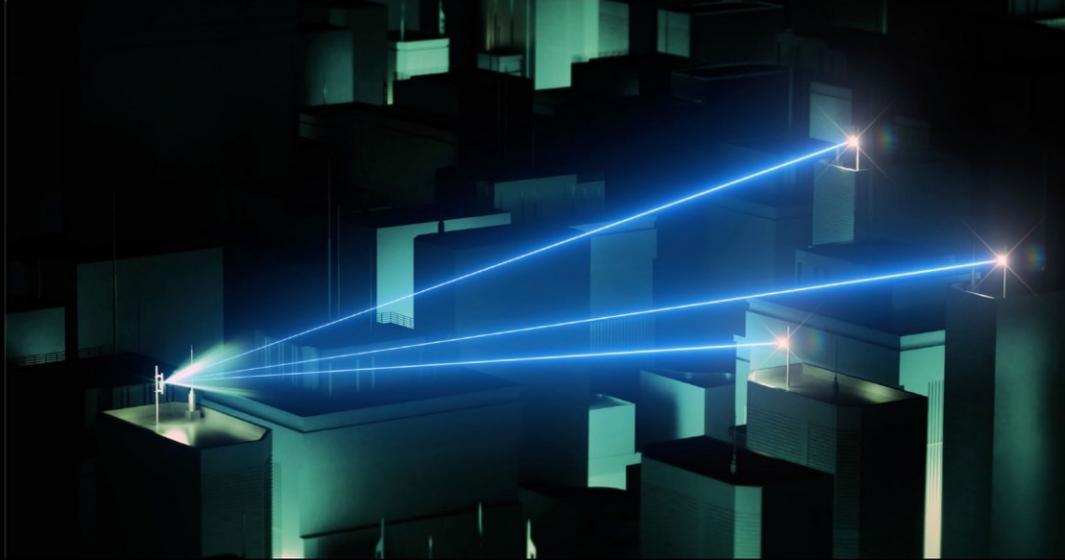
24 kV  
Contact/ Air  
ESD



## Highlight Features

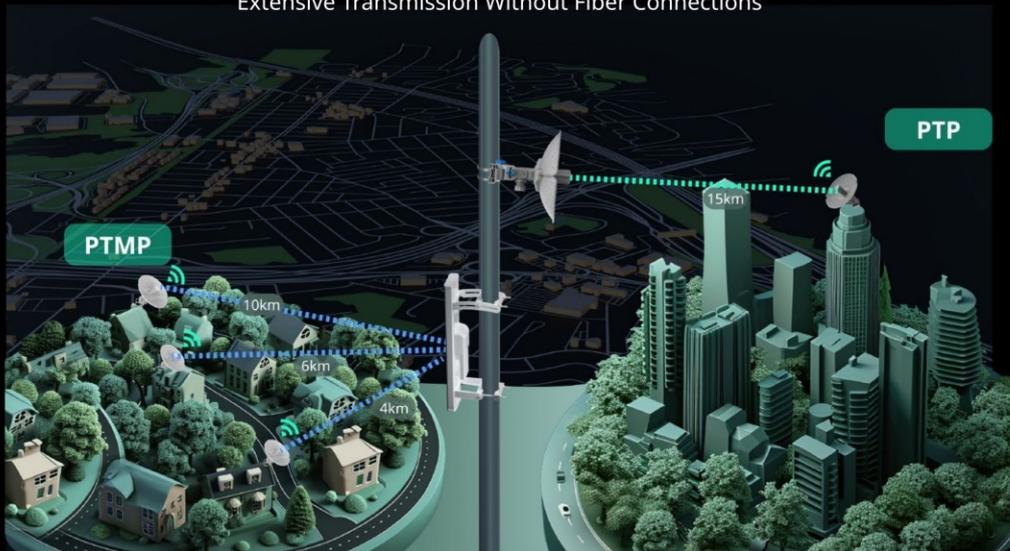
### PTMP

Up to 32 PTMP Links



### WISP

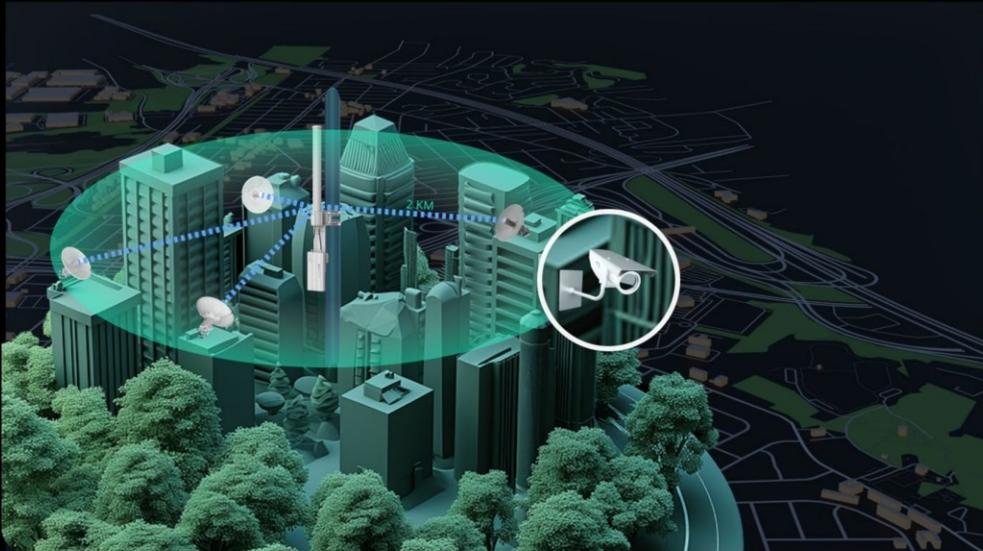
Extensive Transmission Without Fiber Connections



# Highlight Features

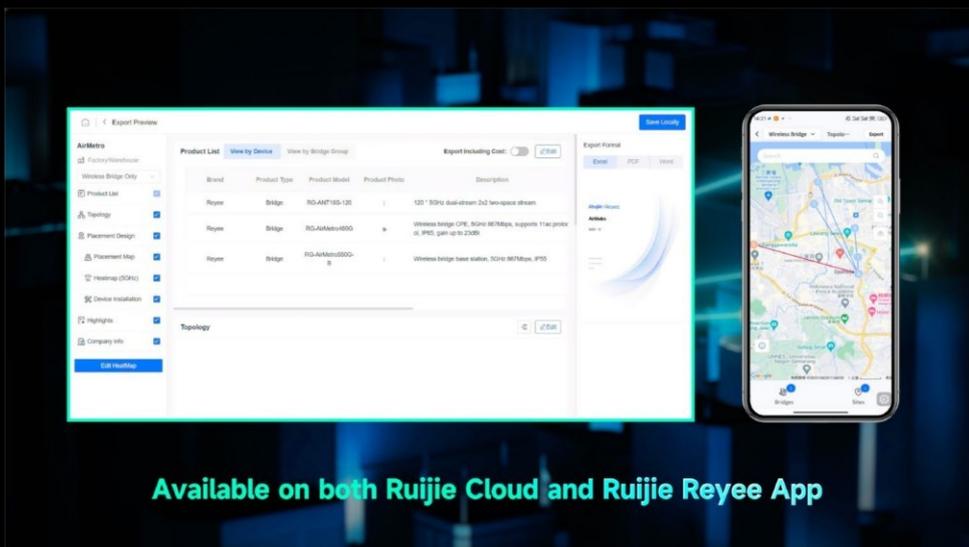
## CCTV

Affordable Excellence and Smooth Surveillance



## AI Heatmap for Bridge

Your Real Outdoor Adventure Companion

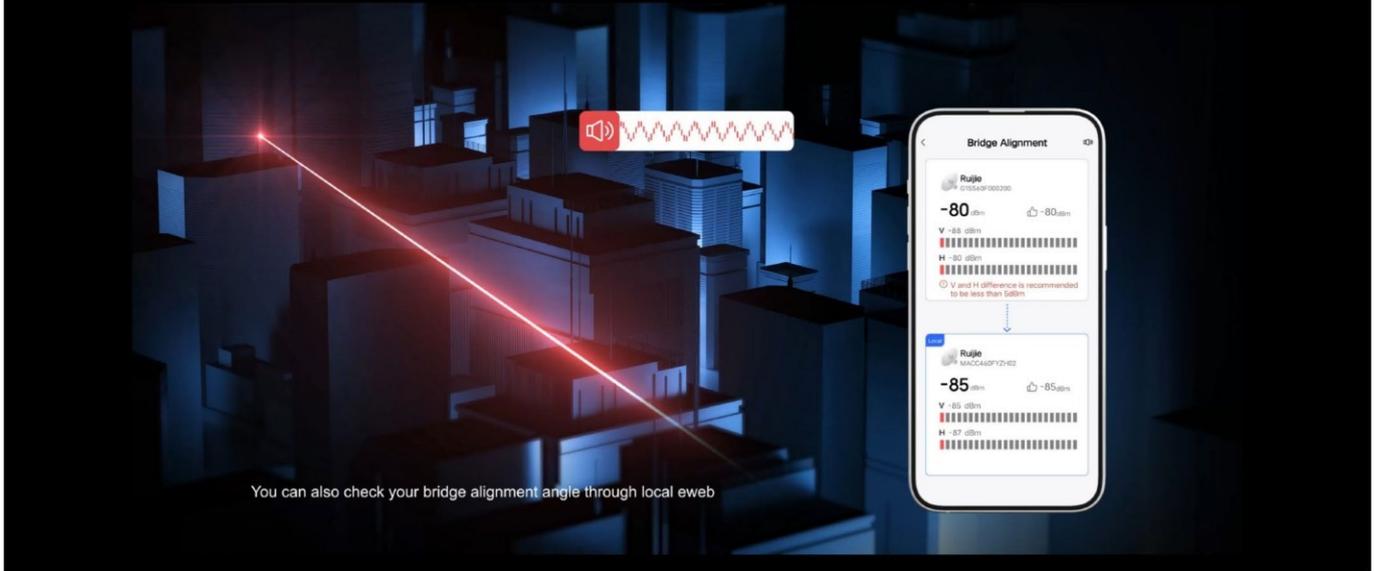


Available on both Ruijie Cloud and Ruijie Reyee App

# Highlight Features

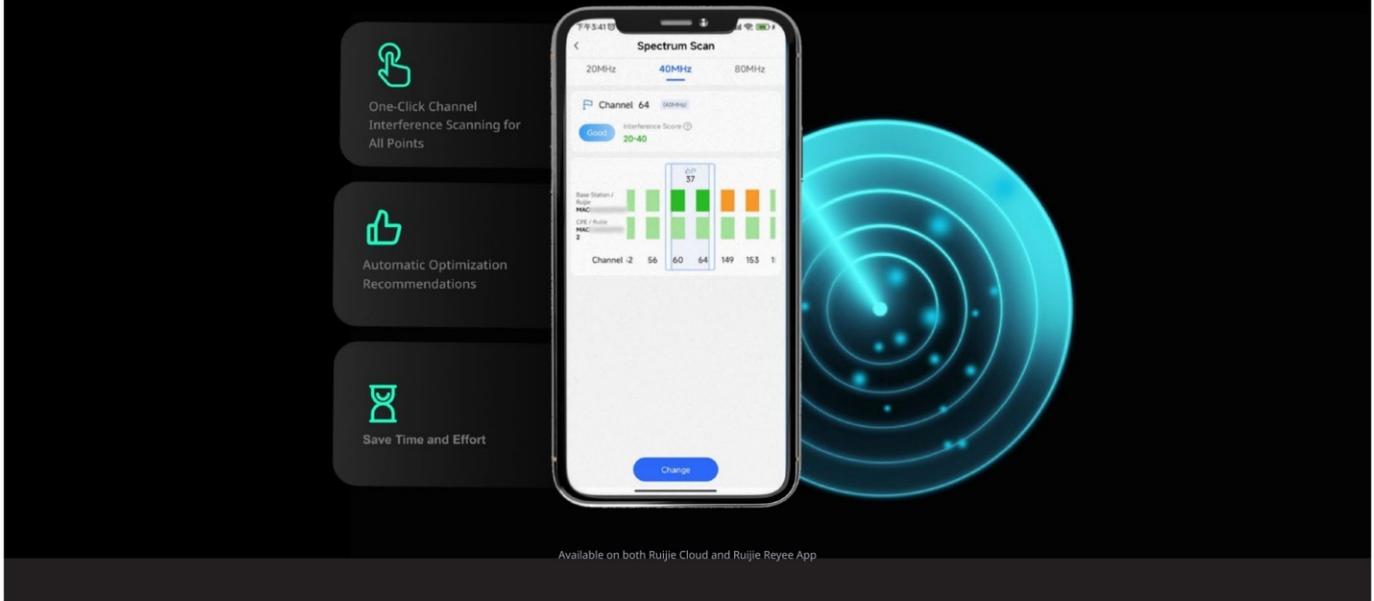
## Alignment Tool

Your Big-Voice, Time-Saver Guide



## Spectrum Scan and Link Optimization

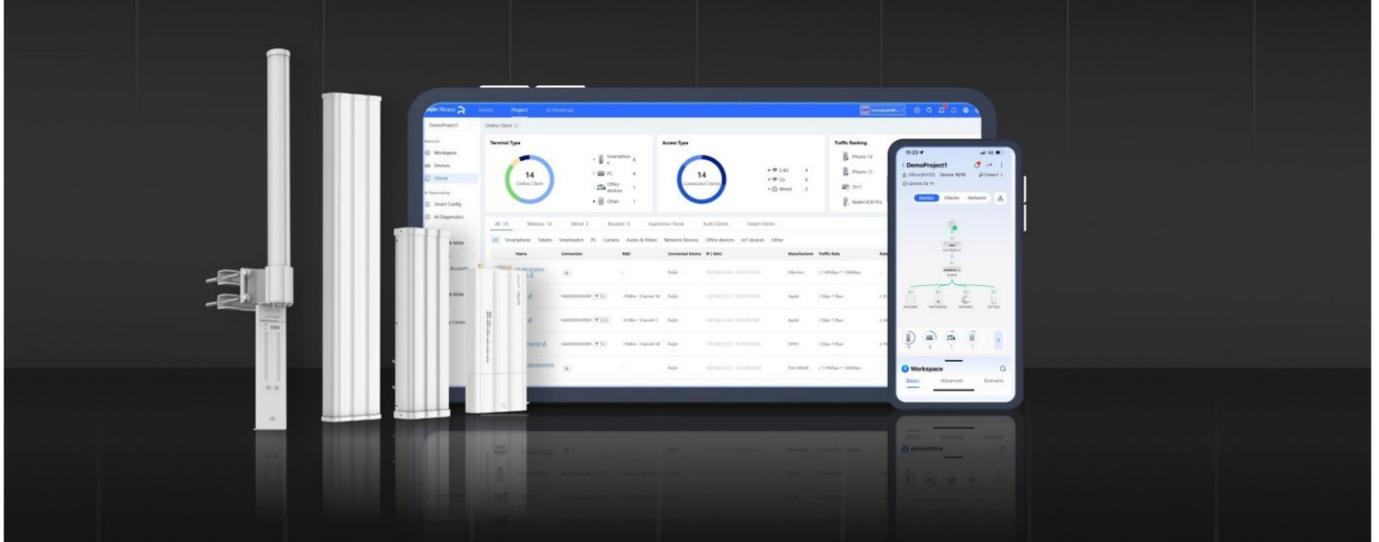
Thumbs-Up Guide



## 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
<b>Applicable Scenarios</b>	
Applicable Scenarios	WISP
<b>Antenna</b>	
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°
<b>Dimensions and Weight</b>	
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
<b>Environment and Reliability</b>	
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)

## / Hardware Specifications

Model	RG-ANT20S-90
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

## Package Contents

Model	RG-ANT20S-90
<b>Device</b>	
Device	1
<b>Accessories</b>	
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
<b>Manual</b>	
User Manual	1

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**Ruijie Networks Co., Ltd.**

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