



Ruijie RG-EST100-E

2.4GHz Dual-stream 500m PTP Wireless Bridge · Specification summary



Ruijie description	2.4GHz Dual-stream 500m Wireless Bridge
Radio design	Single-radio; 2 spatial streams; Radio 1: 2.4 GHz, 2 spatial streams: 2 x 2, MIMO
2.4 GHz channel width	Auto/20/40 MHz
Antenna horizontal orientation	70°
Antenna vertical orientation	70°
Product dimensions (W x D x H)	68.7 mm x 42 mm x 165.5 mm (2.70 in. x 1.65 in. x 6.52 in.)
Number of PoE In ports	1
Operating temperature	-30°C to +60°C (-22°F to +140°F)
Operating humidity	5% RH to 95% RH (non-condensing)
MTBF	400,000 hours (about 45 years)
IP rating	IP55
Bridge speed test	Yes
SON	Yes
AI heatmap	No
Restarting devices through Ruijie Reyee App	Yes
SNMPv1, v2c, and v3	No
Antenna (Ruijie product list)	Built-in directional antenna, 8 dBi
Package (Ruijie product list)	2 devices paired in the package
Camera loading (Ruijie product list)	Max 10 x 3MP cameras at 100 m; 5 x 3MP cameras at 500 m

Specifications are summarised from the manufacturer's published information (checked 2026-10-27). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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