Technical Specifications

Model	RG-EST310 V2
Hardware Specifications	
Bridging Distance	1 km recommended
RAM/Flash	64 MB/8 MB
Operating Band	802.11a/n/ac: 5.150～5 .350GHz, 5.470~5.725GHz , 5.725～5 .850GHz (country specific)
Antenna	Directional antennas, 10 dBi
Spatial Streams	Two Spatial Streams, 2x2 MIMO
Throughput	5 GHz: 866 Mbps
Transmit Power	≤400 mw
Antenna Angle (Horizontal/Vertical)	60°/30°
Lightning Protection	Common Mode: ±4 KV, Differential Mode: ±2 KV
Dimensions (W x D x H)	147 mm*76 mm*37 mm (Without bracket)
Weight	0.35 kg
Service Port	One 10/100Mbps Ethernet port
Reset	Support
Status LED	Support
PoE	24 V Passive PoE
Local Power Supply	Support
External Power Supply	Not Support
Internal Antenna	Internal Antenna (basic gain: 10 dBi)
Working Power	<7 W
Color	Standard: Grey
Environment	Working Temperature: -30°C to 55°C Storage Temperature: -40°C to 70°C Working Humidity: 5% to 95% (non-condensing) Storage Humidity: 5% to 95% (non-condensing)
MTBF	>250000 H
Software Features	
Basic Settings	AP/CPE Switchover LAN Settings Hostname Settings Password Settings Country/Region Code Settings Time Zone Settings Clock Settings
Settings for All Devices	Password Settings IP Address Settings SSID Settings

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Configuration Synchronization	Synchronizing configuration when the device is added.
	After users edit settings on eWeb, Ruijie Cloud will receive the timestamp reported by the device and trigger synchronization.
	A device goes online after settings are changed. The device will be synchronized with configuration based on its timestamp.
	Synchronizing configuration among Ruijie Cloud, eWeb and Ruijie Cloud App
Alarm	Alarm
WDS Settings	One-click optimization
	Switching among multiple working modes (high-bandwidth/normal/anti-interference)
	AP/CPE Switchover
	SSID, Channel and Power Settings
	Bridging Status LED
	Multi-VLAN Transparent Transmission
DNS	DNS client
SSH	SSH
	TFTP Client
	DHCP-Server
	DHCP Client
	Client
WIO (Ruijie Cloud)	Auto channel adjustment
DFS	Radar Signal Detection and Auto Frame Rate
WLAN Encryption and Security	Link Authentication
	Access Authentication
	Security (WAP-PSK/WAP2-PSK/WPA-WAP2-PSK)
	Key Agreement Protocol
WLAN QoS/WMM	WMM

Antenna Pattern Plot