

T310 | RUCKUS T310 Outdoor Access Point



Outdoor 2x2:2 2.4/5GHz 802.11ac Wave 2 Wi-Fi access points with omni and directed antennae

At stadiums, transit hubs, smart cities, and other crowded outdoor public venues, users want the same fast, reliable Wi-Fi connectivity they expect in their homes or offices. For operators, however, delivering that can be immensely challenging—and expensive.

The RUCKUS T310 Series of 802.11ac Wave 2 access points provides industry-leading RUCKUS wireless performance in an economical, industrial-grade form factor designed for crowded outdoor locations. These ultra-lightweight, low-profile APs feature internal omni-directional or high-gain directional antennas for specific coverage, eliminating the need for bulky panel antennas and confusing and expensive external RF cabling.

Choose from either omni, 30-degree narrow beam or 120-degree sector antennas to enable fast, low-cost installation, extended range, and best-in-class throughput in the most challenging outdoor environments.

The T310d, s, n models have a USB 2.0 port to support additional RF technologies such as Bluetooth Low Energy (BLE) and optional DC power source for use with solar cell deployment.

This product will be discontinued on: January 31, 2022

Replaced By:

T350 Outdoor 2x2:2 2.4/5GHz Wi-Fi 6 access points with omni and directed antennae
RUCKUS T350 Outdoor Access Point

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Product Type	Outdoor access point
Product Brand	RUCKUS®

General Specifications

Antenna Patterns, per band	64
Antenna Gain	120 Sector: Up to 9 dBi 30 Sector: Up to 12 dBi Omni: Up to 3 dBi
BeamFlex	Yes
ChannelFly	Yes
Concurrent Users	512
Controller Support	RUCKUS SmartZone RUCKUS ZoneDirector Standalone
Ethernet Ports	1 x 1 GbE

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Fiber Interface	No
IoT Support	IoT Ready
PD-MRC	Yes
PHY Rate at 2.4 GHz, maximum	300 Mb/s
PHY Rate at 5 GHz, maximum	867 Mb/s
Radio Chains and Streams	2x2:2
Rx Sensitivity at 2.4 GHz	-101 dBm
Rx Sensitivity at 5 GHz	-101 dBm
SmartMesh	Yes
USB	USB 2.0
Venue Type	Education
Venue Sub-Type	Quad/Blacktop/Outdoor Spaces
Wi-Fi Interface Standard	IEEE 802.11a/b/g/n/ac Wave 2
Wi-Fi Interface Standard at 2.4 GHz	802.11n
Wi-Fi Interface Standard at 5 GHz	802.11ac