

RexFlux 7 Lite Point-to-Point Backhaul & Point-to-Multipoint Client Radio

Quick Look

1Gb+ Capacity utilizing

160Mhz channel bandwidth

PTP & Ptmp fixed wireless

5.925-7.125GHz

WIFI 6e

Up to 1024QAM

With increasing demand for higher capacity and limited spectrum availability, service providers require efficient solutions. The RexFlux 7 Lite delivers exceptional performance and low latency, supporting both Point-to-Multipoint (PtMP) and Point-to-Point (PtP) deployments. To enhance range and signal quality, the RexFlux 7 Lite features a 19 dBi integrated dish, ensuring reliable connectivity in challenging environments.

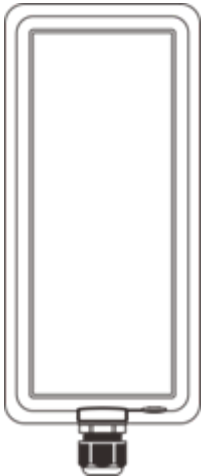
Features

- High throughput & low latency.
- Interference-resistant.
- State-of-the-Art Technology using WIFI 6e.
- Budget-friendly.
- 1 Year warrenty.
- Includes a pole mount &Power over Ethernet (PoE) injector.

Technical Specifications

Radio

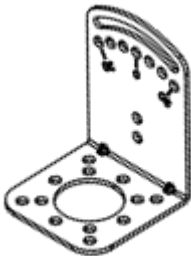
Wireless Standards	WIFI 6e
Throughput	1Gbps net aggregated
Operating Frequency	5.925-7.125GHz
Channel Width	20 / 40 / 80 / 160 MHz
Working mode	AP WDS、Client WDS
Wi-Fi Standards	802.11ax
Modulation Levels (Adaptive)	MCS 0 (BPSK) to MCS 11(1024 QAM-5/6)
Proprietary Physical Layer	2x2MU-MIMO/OFDMA based on 802.11ax underlying technology
Transmit Power Range	+3 to +26dBm (combined, to regional EIRP limit) (1 dB interval)
CPU	Qualcomm Dual A53 @1.0 GHz
Nominal Receive Sensitivity (w/FEC)@20 MHz Channel	MCS 0 = -95 dBm to MCS 11 / (1024 QAM-5/6) = -64 dBm (per chain)
Nominal Receive Sensitivity (w/FEC)@40 MHz Channel	MCS 0 = -92 dBm to MCS 11 / (1024 QAM-5/6) = -61 dBm (per chain)
Nominal Receive Sensitivity (w/FEC)@80 MHz Channel	MCS 0 = -89 dBm to MCS 11 / (1024 QAM-5/6) = -58 dBm (per chain)
Nominal Receive Sensitivity (w/FEC)@160 MHz Channel	MCS 0 = -86 dBm to MCS 11 / (1024 QAM-5/6) = -55 dBm (per chain)



Radio 1pcs

NetWorking

Networking interface	1*Gigabit
Network Mode	Bridge/Router
Firewall	Port Forwarding ,DMZ,ACL Filtering
Wireless Security	WPA-PSK,WPA2-PSK,WPA/WPA2-PSK,WPA2-PSK/WPA3-SAE,WPA3-SAE
VLAN	802.1Q with 802.1p priority
DHCP	DHCP Server、DHCP Client
Network Management	HTTP/HTTPS, SNMPv1/2, SNMPv3, TR069
QoS (Quality of Service)	Three-level priority (voice, high, low) with packet classification by DSCP, COS, VLAN ID, IP & MAC Address, broadcast, multicast, and station priority
ARQ	yes
Encryption	AES128



Bracket 1pcs

Power

Power Supply / Power Consumption	PoE 22-56V / <15W
Surge suppression	8KV
LEDs	1*Power, 1*SYS, 1*LAN, 3*Wi-Fi



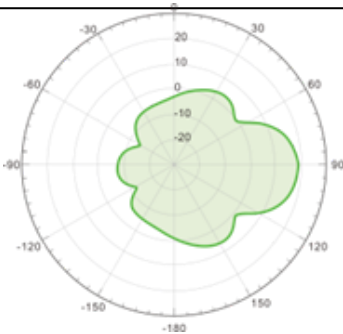
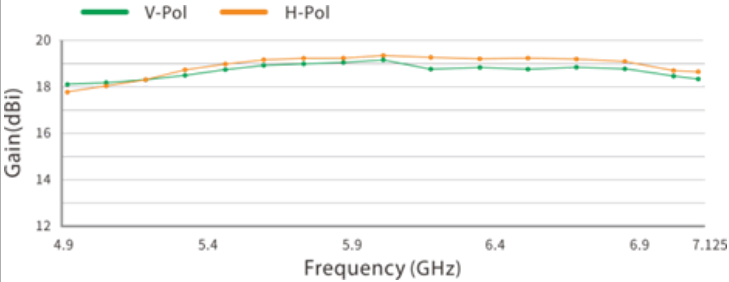
Environmental

Enclosure protection	IP67
Temperature	-30°C to 55°C
Size / Weight	30.7 x 12.7 x 6.5CM / 0.8kg



U-groove 1pcs

Integrated Antenna

Antenna Gain	19dBi Dual Linear
Antenna Beam width	E:45°/ H:16° E:45°/ H:16°
	
Antenna Pattern	Polar Plots and Gain Across Frequency



Gigabit PoE Adapter 1pcs