QRT 5

High power integrated antenna

The QRT 5 is a rugged outdoor flat panel antenna, with a built in RouterBOARD. The device has a 24dBi antenna and a high power 5GHz wireless transmitter.

Inside is the high power RB911 dual chain wireless device (see separate brochure), with high performance, high output power wireless transmitter. It has a Gigabit Ethernet port, to fully utilise the benefit of 802.11n high speed wireless.

Easy to use and quick to deploy, QRT is ideal for point to point links.



Frequencies	4.9-5.875 GHz
Gain	24 ± 1 dBi
VSWR	1.37 : 1
3 dB Beam-Width, H-Plane	10.5°
3 dB Beam-Width, E-Plane, typ.	10.5°
Polarization	Dual, Vertical and horizontal
Port to Port Isolation	-50 dB
Cross polarization, min	-25 dB
Front to Back Ratio, min	35 dB

Model	QRT 5 (RB911G-5HPnD-QRT)
Features	1 Ethernet, Gigabit, High power, Dual chain
CPU	Atheros AR9342 600MHz network processor
Memory	64MB DDR onboard memory
Data storage	128MB NAND memory chip
Ethernet	One Gigabit port with Auto-MDI/X
Wireless	Built in 5GHz 802.11a/n (AR9342)
Wireless regulations	Specific frequency range may be limited by country regulations
Extras	beeper, signal and status LEDs, voltage and temperature sensors
Expansion	-
Power options	PoE: 8-30V DC on Ether1 (Non 802.3af).
Unit dimensions	309x320x50mm
Max consumption	11W at 24V
OS	MikroTik RouterOS, Level4 license (supports wireless CPE/PtP and AP mode)
Included	QRT wireless device, precision mounting bracket, U bolts, pole clamp, screw kit, 24V 0.8A power adapter, Gigabit PoE injector

	TX power / RX sensitivity
TX/RX at MCS0	30dBm / -96dBm
TX/RX at MCS7	24dBm / -78dBm
TX/RX at 6Mbit	30dBm / -96dBm
TX/RX at 54Mbit	27dBm / -80dBm
Frequency range	4900-5920MHz