

# SEXTANT

## Outdoor point to point solution

The SEXTANT is a 18dBi 5GHz antenna with a built in RB711 router. It has two polarizations to give you all benefits of 2x2 MIMO in 802.11n.

The new SEXTANT is very similar to the popular SXT unit, just slightly bigger.

Inside is the brand new RB711-5HnD dual chain wireless device, with high performance, high output power, and low power requirements.

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



CPU	Atheros AR7241 400MHz network processor
Memory	32MB DDR SDRAM onboard memory
Data storage	128MB onboard NAND memory chip
Ethernet	One 10/100 Mbit/s Fast Ethernet port with Auto-MDI/X
Wireless	5GHz AR9280 802.11a/n, 2x2 MIMO, 2x MMCX
LEDs	Power, NAND activity, 5 user LEDs
Power	Power over Ethernet: 10..28V DC (except power over datalines). No power jack. Up to 4.5W consumption.
OS	MikroTik RouterOS v4, Level3 license

RX sensitivity	802.11a: -96 dBm @ 6Mbps to -80 dBm @ 54 Mbps 802.11n: -96 dBm @ MCS0 to -77 dBm @ MCS7
TX power	802.11a: 26dBm @ 6Mbps to 22dBm @ 54 Mbps 802.11n: 25dBm @ MCS0 to 19dBm @ MCS7

Frequencies	5.17 - 5.825 GHz
Gain	18dBi
VSWR	1.6:1
3 dB Beam-Width, H-Plane	16.8 °
3 dB Beam-Width, E-Plane, typ.	22.8 °
Polarization	Linear, Vertical and Horizontal
Port to Port Isolation	- 35 dB