

SEXTANT G

Outdoor point to point solution

The SEXTANT is a 18dBi 5GHz antenna with a built in RB911 router. It has two polarizations to give you all benefits of 2x2 MIMO in 802.11n.

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, SEXTANT is ideal for point to point links.



| | |
|---------------------------------------|---------------------------------|
| 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 |



24V 0.38A Adapter



Mounting Rings



Pole mounting bracket



PoE injector

| Model | |
|-----------------|---|
| Features | 1 Ethernet, Gigabit, High power, Dual chain |
| CPU | Atheros AR9342 600MHz network processor |
| Memory | 64MB DDR onboard memory |
| Data storage | onboard NAND memory chip |
| Ethernet | One Gigabit port with Auto-MDI/X |
| Wireless | Built in 5GHz 802.11a/n, 2x MMCX connectors |
| Extras | beeper, signal and status LEDs, voltage and temperature sensors |
| Expansion | - |
| Power input | PoE in: 8-30V DC on Ether1 (Non 802.3af). |
| Dimensions | Ø250mm, height 90mm, 830g |
| Max consumption | 11W at 24V |
| OS | MikroTik RouterOS, Level3 license (supports wireless CPE/PtP mode) |
| Included | SEXTANT antenna, power adapter, mounting rings, pole mounting bracket, 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 |