

REVO – RWR5000



REVO 5000 series routers are designed for use as low cost subscriber units and relay points in the 5.8 GHz frequency range. This model is robustly designed for outdoor use in a wide range of environmental conditions and up to 100% humidity. The device consists of two units, outdoor and indoor. The indoor unit (220V 50Hz power supply) provides the outdoor unit with power over a service cable and broadcasts TP Ethernet signals upward to the outdoor unit. The unit has a RJ45 connector for a TP Ethernet switch and a DN10 connector for a service cable that connects the indoor unit to the outdoor unit. The total length of the service and Ethernet

cables is 100 meters. The indoor unit (185x170x27 without fittings) can be operated by a desktop installation in which case enclosed plastic legs may be applied. Both the outdoor and indoor units are equipped with effective lightning arrestors which require proper grounding to protect the input circuits of the Ethernet port of the router. The outdoor unit has dimensions of 275x130x30 and is mounted with screws or clamps with connectors facing downward. One of the unit connectors (PC10) is for connecting the lower block using a service cable. The other connector (RPTNC) is for linking to an antenna cable. The outdoor unit is powered from a 220V 50Hz circuit.

Specification

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| • Interfaces: 24Mbps OFDM wireless interface, 10BaseT LAN interface, RS232 |
| • Management: local console, HTTP, SNMP |
| • Antenna connection: reverse polarity TNC (RPTNC). |
| • Receiver sensitivity: 81 dBm @ BER 10 ⁵ |
| • Output power: 200 mW |
| • Temperature range: 50...+70° (outdoor device) |