

Groove 52HPn

2GHz / 5GHz outdoor unit

Our smallest outdoor series model - a fully featured wireless RouterBOARD powered by RouterOS. Weatherproof, durable and ready to use. It has one 10/100 Ethernet port with PoE support and a built in wireless radio. It has software selectable 2 or 5GHz wireless mode, and high output power!

With the Nv2 TDMA technology, up to 125Mbit aggregate throughput is possible! It has a built-in N-male connector, and pole attachment points, so you can attach it to an antenna directly, or use a standard antenna cable. LED signal indicators make it easy to install and align.

CPE or AP versions are available. Groove runs RouterOS with all its features.



24V 0.38A Adapter



PoE injector



Metal ring

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|----------------------|---|
| CPU | AR9342 600Mhz |
| Memory | 64MB |
| Ethernet | One 10/100 Mbit/s Fast Ethernet port with Auto-MDI/X, L2MTU up to 2030 |
| Wireless | 5 or 2GHz (software selectable) radio, N-male antenna connector |
| Wireless regulations | Specific frequency range may be limited by country regulations |
| Extras | Reset switch, Beeper, Voltage monitor, Temperature monitor |
| LEDs | 5 wireless signal LEDs, ethernet activity LED (configurable) |
| Power | Passive 9-30V PoE only. 16KV ESD protection on RF port. Up to 0,19A at 24V (4.56W) |
| Dimensions | 177x44x44mm, 193g. Must be mounted with ethernet pointing down |
| Operating temp. | -30C to +70C |
| RouterOS | 52HPn: Level3 license (station or ptp), A-52HPn: Level4 license (AP, station or ptp) |
| Package contains | Groove unit, mounting loops, PoE injector, 24V power adapter |

| | 5GHz | 2GHz |
|------------------------|--|--|
| RX sensitivity 802.11a | -93 dBm @ 6Mbps to -77 dBm @ 54 Mbps | -93 dBm @ 6Mbps to -77 dBm @ 54 Mbps |
| RX sensitivity 802.11n | -93 dBm @ MCS0 20MHz to -76 dBm @ MCS7 40MHz | -93 dBm @ MCS0 20MHz to -76 dBm @ MCS7 40MHz |
| TX power 802.11a | 27dBm @ 6Mbps to 22Bm @ 54 Mbps | 27dBm @ 6Mbps to 24Bm @ 54 Mbps |
| TX power 802.11n | 26dBm @ MCS0 to 22dBm @ MCS7 | 27dBm @ MCS0 to 23dBm @ MCS7 |
| Frequency range | 4900-5920MHz | 2400MHz-2500MHz |