Groove 52HPn

2GHz / 5GHz outdoor unit




24V 0.38A Adapter


PoE injector


Metal ring


6dBi / 8dBi omni antenna

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 it's features.

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