

meshnode II

extremely solid, extremely ruggedized - extremely easy to use



What's so special about the meshnode II?

The meshnode II is an affordable alternative for the use in scenarios not demanding our full-fledged flagship. Nevertheless its ruggedness is still remarkable.

What's the meshnode II capable of?

This outdoor access point is suitable for providing WiFi coverage to areas with environmental influences withstanding the use of conventional devices. When applied in a stand alone scenario, it can operate two independent WiFi networks; in a mesh-network you can scale the size of your WiFi network with almost no loss of bandwidth by means of meshing.

Wi-Fi mesh royalty free
ruggedized freedom quality 3G
saxnet router secure
UMTS **meshnode** HSPA
linux water proof IP69k solid
self managing Made in Germany extreme
access point outdoor

the meshnode II's highlights

WIFI	up to two high power modules 802.11 a/b/g/n (depending on the deployed modules)
transmit power	80 mW up to 400 mW per module
temperature range	-20°C up to +50°C / -4°F up to +122°F
ethernet	1 or 2 x 10 / 100 MBit/s
RAM	256 MB
CF memory	customizable, 512 MB (standard) / 1 GB / 4 GB
casing	made from shock & impact proof UV resistant fibreglass-reinforced plastic
custom highlights	3G (HSPA), aluminium sun shield, integration of other hardware components and modification of colour are possible

the meshnode II's details

article number	mnd2
operating system	Debian GNU Linux 2.6er Kernel
cpu	AMD Geode LX x86, 500 MHz
protection class	IP67
security	WPA2 (AES), WEP 64/128, 802.1x, firewall, MAC filter, HTTPS, port forwarding
management	web GUI, root access over SSH2, SNMP V3 (read), network management system
services	MultiSSID, VLAN, QoS, PPPoE, DHCP server, SSH, HTTP, DynDNS
GUI tools	ARP ping, IPerf, netstat, port scan, ping, route, WiFi scanner, traceroute
operating modes	mesh Layer 2, bridge, Adhoc, access point, client
humidity	99% (except for external power supply)
power supply	7-20V by means of passive PoE by external power supply
interfaces	ethernet
certificates	CE, ISO 9001:2000
warranty	2 years
antennas	N type female connector
dimensions	length by width by height: 280 x 215 x 58 mm (11 x 8,2 x 2,2 inches)
weight	2 kg (4,5 lbs)
delivery contents	meshnode II, quick install guide & manual
options	AddOn casing for extra hardware, 3G-modem, internal power supply, additional connectors, number and type of Wi-Fi-cards, frequency range from 700 MHz to 6 GHz, software customization, modification of colour and many more - refer to our accessories list