

AP9 nX mini

1x1 MIMO 802.11n, 2.4 GHz

*High capacity indoor device
with MIMO support*

150 Mbps

**High Power of +25dBm
With 5x range**

MAKSAT AP9 nX mini balances enterprise-scale security, management and Quality of Service features with high performance.

The MAKSAT AP9 nX mini is a indoor OFDM/MIMO equipment with AP, Client, Repeater and Repeater Bridge modes for High Bandwidth and flexible connectivity.

The MakSat AP9 nX mini is dedicated to Small Office/Home Office (SOHO), SME and WISP Wireless network solution. Maksat AP9 nX mini mini integrates the function of wireless Access Point, and a Five Switch Ethernet port.

It helps you set up a wired or wireless net share a high-speed DSL or cable Internet connection, data file and other resources.

Product highlights

IEEE 802.11 b/g/n, 1x1

- Support AP, Client, Repeater, Repeater bridge

- Support WEP, WPA, WPA2, RADIUS and 802.1x encryption mode for wireless networks.

- Support IP tables firewall, MAC/IP/Port filter

- Multi-BSSID

- QoS (WMM)

- Web Firmware upgrade

- PPPoE Client

- Power Consumption 14W max

- Passive PoE (12v)

- FCC, CE and RoHS compliance

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Spec sheet

Category	Item	Description
Product General	Standards	Wireless: IEEE 802.11b/g/n Ethernet: IEEE 802.3/u (10/100BaseTx)
	Data Rate	802.11b: Up to 11 Mbps 802.11g: 54Mbps; 802.11 n:150Mbps
Physical Spec.	Dimension	152mm x 23mm x 102mm 200g
	Interface	Dc jack input 12v @2 amp
	Antenna Type	5 dBi with option of external antenna (RPSAM connector)

Hardware	Output Power	25 dBm
	Network	1 x WAN , 4 x LAN (switch)
	Watchdog Timer	Software/Hardware/Temperature
	Frequency Stability	within ± 20 ppm
	Data Modulation	BPSK, QPSK, CCK and QAM 64 (OFDM)
	Power	DC 12v with POE on WAN port

Maximal Wireless Users	254	
Recommended Wireless Users	64	
Environment Spec.	Operating Temp	0°C-70°C
	Storage	-20°C ~ 90°C
	Humidity	5%~98% non-condensing

MCS Index	Spatial Streams	Modulation Type	Coding Rate	Data Rate Mbps			
				20 MHz channel		40 MHz channel	
				800ns GI	400ns GI	800ns GI	400ns GI
0	1	BPSK	1/2	6.50	7.20	13.50	15.00
1	1	QPSK	1/2	13.00	14.40	27.00	30.00
2	1	QPSK	3/4	19.50	21.70	40.50	45.00
3	1	16-QAM	1/2	26.00	28.90	54.00	60.00
4	1	16-QAM	3/4	39.00	43.30	81.00	90.00
5	1	64-QAM	2/3	52.00	57.80	108.00	120.00
6	1	64-QAM	3/4	58.50	65.00	121.50	135.00
7	1	64-QAM	5/6	65.00	72.20	135.00	150.00

*specifications are subject to change without prior notice

For detailed specs contact sales

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