

Specifications

IS-M5	
Dimensions With Horn Without Horn	174 x 174 x 150 mm (6.85 x 6.85 x 5.91") 131 x 131 x 65 mm (5.16 x 5.16 x 2.56")
Weight With Horn Without Horn	725.7 g (1.6 lb) 408.2 g (0.9 lb)
Max. Power Consumption	6.5W
Power Supply	24V, 0.5A Gigabit PoE Adapter
Power Method	Passive PoE (Pairs 4, 5+; 7, 8 Return)
Gain	14 dBi
Beamwidth	45° (Default Horn)
Networking Interface	(1) 10/100/1000 Ethernet Port
Processor Specs	MIPS 74 Kc
Memory	64 MB DDR2
LED	(1) Power
Mounting	Pole-Mount
Wind Loading	36 N @ 200 km/h (8.09 lbf @ 125 mph)
Wind Survivability	200 km/h (125 mph)
ESD/EMP Protection	± 24 kV Contact/Air
Operating Temperature	-40 to 70° C (-40 to 158° F)
Operating Humidity	5 to 95% Noncondensing
Certifications	FCC, IC, CE

IS-M5 Operating Frequency (MHz)		
Worldwide	5150 - 5875	
USA	U-NII-1: 5150 - 5250	U-NII-3: 5725 - 5850

IS-M5 Output Power: 24 dBm							
TX Power Specifications				RX Power Specifications			
Modulation	Data Rate	Avg. TX	Tolerance	Modulation	Data Rate	Sensitivity	Tolerance
802.11a	6 - 24 Mbps	24 dBm	± 2 dB	802.11a	6 - 24 Mbps	-94 dBm Min.	± 2 dB
	36 Mbps	24 dBm	± 2 dB		36 Mbps	-80 dBm	± 2 dB
	48 Mbps	23 dBm	± 2 dB		48 Mbps	-77 dBm	± 2 dB
	54 Mbps	22 dBm	± 2 dB		54 Mbps	-75 dBm	± 2 dB
802.11n/airMAX	MCS0	24 dBm	± 2 dB	802.11n/airMAX	MCS0	-96 dBm	± 2 dB
	MCS1	23 dBm	± 2 dB		MCS1	-95 dBm	± 2 dB
	MCS2	23 dBm	± 2 dB		MCS2	-92 dBm	± 2 dB
	MCS3	23 dBm	± 2 dB		MCS3	-90 dBm	± 2 dB
	MCS4	22 dBm	± 2 dB		MCS4	-86 dBm	± 2 dB
	MCS5	21 dBm	± 2 dB		MCS5	-83 dBm	± 2 dB
	MCS6	20 dBm	± 2 dB		MCS6	-77 dBm	± 2 dB
	MCS7	20 dBm	± 2 dB		MCS7	-74 dBm	± 2 dB
	MCS8	24 dBm	± 2 dB		MCS8	-96 dBm	± 2 dB
	MCS9	24 dBm	± 2 dB		MCS9	-95 dBm	± 2 dB
	MCS10	23 dBm	± 2 dB		MCS10	-92 dBm	± 2 dB
	MCS11	23 dBm	± 2 dB		MCS11	-90 dBm	± 2 dB
	MCS12	22 dBm	± 2 dB		MCS12	-86 dBm	± 2 dB
	MCS13	21 dBm	± 2 dB		MCS13	-83 dBm	± 2 dB
	MCS14	20 dBm	± 2 dB		MCS14	-77 dBm	± 2 dB
MCS15	20 dBm	± 2 dB	MCS15	-74 dBm	± 2 dB		