UniMax UM530N

UniMax UM-530N is a long range solution for outdoor WiFi installations. It complies with IEEE 802.11b/g/n standards and offers speeds upto 300 Mbps. It comes with 2T2R MIMO antenna and offers 1000 mW radio for high power to cover wide outdoor area with WiFi signal.

UM-530N comes with rugged metal casing that is weather proof, dustproof and temperature controlled to work in harsh outdoor environment.

It supports passive/ 802.3af PoE so they can be powered remotely over Ethernet cable.

UM-530N can be deployed in following scenarios:

1. Access Point
2. Repeater
3. CPE / Client

UM-530N is deployed in outdoor environment and comes in IP-67 weather proof casing that protects the device from rain, sun and snow.

UM-530N can be easily mounted on poles using a metal wrap.

It can be powered by PoE injector (included) via two Ethernet ports.

UM-530N comes with two 8 DBi fiberglass, omni-directional antennas for wider coverage.

Ideal For

College Campus

Malls

Public WiFi

SPECIFICATIONS

Hardware			
Chipset	MT7620A 580MHZ		
Wireless	802.11N, 2T2R 300M MIMO Technology		
Memory	64MB DDR2 RAM		
Flash	8MB		
Interface	1 10/100 Mbps RJ45 Port, support 12~24V PoE		
	1 Reset Button		
Antenna	2 x 8 dBi Onmi Fiberglass antennas		
LED Light	POWER WIFI WAN LAN S1(GPIO9) S2(GPIO14) S3(GPIO11) S4(GPIO12)		
Size	L: 153.2mm, W: 79.5mm, H: 234.5 mm		
Power	POE 24V/1A;110V/220V		
RF Data			
RF Data	802.11b/g/n:		
	2.4~2.4835GHz		
	Korea、Japan、ETSI、FCC		
Modulation	OFDM = BPSK,QPSK, 16-QAM, 64-QAM		
	DSSS = DBPSK, DQPSK, CCK		
Data Rate	300 Mbps		
Receive Sensitivity	802.11n(2.4GHz)	802.11g	802.11b
	-90dBm @ MCS0	- 90dBm @ 6Mbps	- 95dBm @ 1Mbps
	-72dBm @ MCS7	- 72dBm @ 54Mbps	- 90dBm @ 11Mbps
	-90dBm @ MCS8		
	-68dBm @ MCS15		
RF Output Power	802.11n(2.4GHz)(± 1.5dBm)	802.11g(± 1.5dBm)	802.11b(±1.5dBm)
	28dBm@ MCS0~2/MCS8~10	28dBm @ 6~24Mbps	28dBm @1~11Mbps
	28dBm @ MCS3/MCS11	27dBm @ 36Mbps	
	27dBm @ MCS4/MCS12	27dBm @ 48Mbps	
	27dBm @ MCS5/MCS13	26dBm @ 54Mbps	
	26dBm @ MCS6/MCS14		
	26dBm @ MCS7/MCS15		

Firmware	
Operation Mode	Gateway/AP/WiFi Repeater/WISP
Protocol/Standard	IEEE 802.3(Ethernet)
	IEEE 802.3u(Fast Ethernet)
	IEEE 802.11b/g/n(2.4G WLAN)
Wireless	Auto-Channel selection
	Distance Control (802.1x Ack timeout)
	Multiple SSID (4 SSID)
	BSSID
Security	WEP Encryption-64/128/152 bit
	WPA/WPA2 Personal (WPA-PSK using TKIP or AES)
	WPA/WPA2 Enterprise (WPA-EAP using TKIP)
	Hide SSID

Physical Properties	
Temperature	Working: 0°C~55°C
	Storage: -20°C to 70°C
Humidity	5%~95% (typical)

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