

AIRPATH-5GHZ- 11a/n – 54MBPS/150MBPS

MODEL: AWS – 5816N1

802.11a/n WIRELESS OUTDOOR RADIO WITH 16DBI INTEGRATED ANTENNA



Item No. :	AWS5816N1
Product Name :	IEEE 802.11a/n IEEE802.11a/n With 16dbi Integrated antenna

Description :

AWS5816N1 CPE which fully supports the features and functional compliance of IEEE 802.11a and IEEE 802.11a/n standards and operate in 5GHz bands. It enables the deployment the latest updated QoS –WMM, WMM-PS ,support MIMO, connectivity at high throughput from an extended distance and giving end users the greatest performance

Features :

- All in one (Long Distance Wireless lan Outdoor Integrated Solution)
- W-LAN Outdoor Application
- 802.11a Applications

Specification :

Specifications	
Standard	IEEE802.11a, IEEE802.11a/n (mixed mode)
MAC/BB Processor	RT2880
Frequency Band	5GHz 11a ISM Band; 5.18Ghz ~ 5.825Ghz
Data Rate	802.11a: Up to 54Mbps 802.11a/n: Up to 150Mbps
LED indicators	Power /Link/Ethernet
Ethernet interface	One 10/100 BASE-T RJ-45 Ethernet connector
Antenna	16 dBi Internal patch antenna
Transmitter Power	802.11a : 23±2dBm@54Mbps, 20±2dBm@6Mbps 802.11a/n (mixed mode) : 20± 2 dBM
Receive Sensitivity	-70dBm@802.11n rate MCS7 -73dBm@54Mbps, -90dBm@6Mbps
Power Consumption	Transmit:<600mA, Receive:<300mA
Security	Wired Equivalent Privacy (WEP) data encryption Dynamic WEP key exchange WEP64/128, WPA, WPA2 802.1x
Power	12V, 1.25A through RJ-45 connector. Maximum input Voltage =40V
Dimension	259mm*215mm*98mm
Operating Temperature	0~55 Celsius
Storage Temperature	-10 ~ 70 Celsius
Humidity	5~90%(non-condensing)