

# DIP3510-H

## Product Specification



## Features

- ① Atheros Chipset, Powerful CPU for High Data Transmission Rate
- ② DIP Technology for Easy Setup
- ③ Professional NETCHECK Software for Monitoring, Testing and Maintenance



## NETCHECK

For monitoring wireless transmission. When devices break down, the netcheck system can help to check the problems.

You can view the wireless transmission and record the wireless working data.

- ① Location. Mark Each Device in The System
- ② Data Record Time Period Setting
- ③ Alarm
- ④ Data Analysis
- ⑤ Data Log
- ⑥ Real Time Monitoring on Frequency, Signal, Bandwidth, Transmission Rate



## Specification

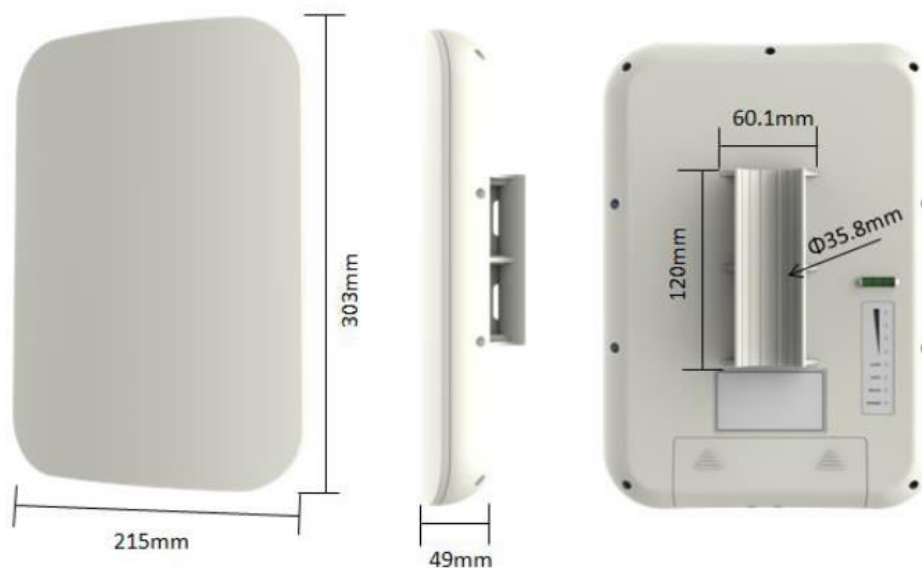
- ① Chipset : AR9344 600MHz
- ② Transmission Range : 5KM
- ③ Transmission Rate : 300Mbps
- ④ Antenna Gain : 18dBi
- ⑤ Transmission Power : 27dBm
- ⑥ Transmission Frequency : 5.8GHz

Chipset	Atheros AR9344 600MHz			
DRAM	DDR2 64MByte			
FLASH	8MByte			
IC	SiGe5012B			
Port	10/100Mbps LAN*2			
Speed	11a: 54M, 48M, 36M, 24M, 18M, 12M, 9M, 6Mbps			
	HT20: 7.2M, 14.4M, 21.7M, 28.9M, 43.3M, 57.8M, 65M, 72.2M, 14.4M, 28.9M, 43.3M, 57.8M, 86.7M, 115.6M, 130M, 144.4Mbps			
	HT40: 15M, 30M, 45M, 60M, 90M, 120M, 135M, 150M, 30M, 60M, 90M, 120M, 180M, 240M, 270M, 300Mbps			
Transmission	(DSSS)			
Modulation	OFDM/BPSK/QPSK/CCK/DQPSK/DBPSK			
Standard	IEEE802.11a, IEEE802.11n, IEEE802.3u,			
Protocol	CSMA/CA, TCP/IP, IPX/SPX, NetBEUI, DHCP, NDIS3, NDIS4, NDIS5			
Channel	4900~6100MHz			
Power dissipation	≤6W			
Power	POE 24V 1A			
RF @25°C ± 2dB	802.11a	6-24Mbps	26 ± 2dBm	
		36-48Mbps	25 ± 2dBm	
		54Mbps	24 ± 2dBm	
	802.11n	HT20	MCS 0-3	26 ± 2dBm
			MCS 4	25 ± 2dBm
			MCS 5	24.5 ± 2dBm
			MCS 6	24 ± 2dBm
			MCS 7	23.5 ± 2dBm
		HT40	MCS 0-3	25 ± 2dBm
			MCS 4	24.5 ± 2dBm
	Sensitivity	802.11a	6Mbps ≤ -89; 54Mbps ≤ -73	
802.11n		HT20	MCS 0 ≤ -86; MCS 7 ≤ -68	
		HT40	MCS 0 ≤ -83; MCS 7 ≤ -65	
Antenna	Frequency	4900~6100MHz		
	Direction	Horizontal/Vertical		
	Gain	18DBi		
Management	WEP management	yes		
	SNMP MIB	yes		
	Telnet	yes		
	Serial	yes		
Security	MAC address control	No		
	Encryption	WEP 64/128bits, WPA, WPA2, 802.1x		
Working condition	Working Temperature	-30~65°C		
	Storage Temperature	-50~80°C		
	Humidity(non-condensed)	≤95% (NA)		

## Product Size

Size: 303\*215\*49MM

N. W. : 0.9kg



## Connection diagram

