DIP156-H

Product Specification

elock®
Your Security is Our Responsibility

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
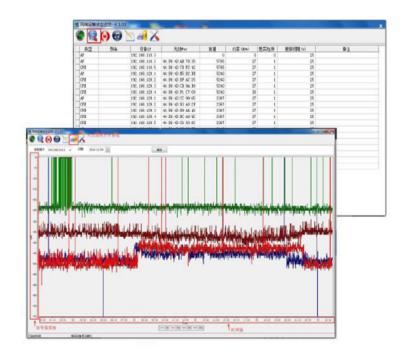
NETCHECK

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 : 1KM
③ Transmission Rate : 150Mbps
④ Antenna Gain : 12dBi
⑤ Transmission Power : 25dBm
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				
	11n: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				
Transmission	（DSSS）				
Modulation	OFDM/BPSK/QPSK/CCK/DQPSK/DBPSK				
Standard	IEEE802.11n, IEEE802.11a , IEEE802.3u				
Protocol	CSMA/CA, TCP/IP, IPX/SPX, NetBEUI, DHCP, NDIS3, NDIS4, NDIS5				
Channel	4900～6100MHz				
Power dissipation	≤3W				
Power	POE 24V 1A				
RF @25°C±2dB	802.11a	6-24Mbps	23±2dBm		
		36-48Mbps	22±2dBm		
		54Mbps	21±2dBm		
	802.11n	HT20	MCS 0-3	23±2dBm	
			MCS 4	22±2dBm	
			MCS 5	21.5±2dBm	
			MCS 6	21±2dBm	
			MCS 7	20.5±2dBm	
		HT40	MCS 0-3	22±2dBm	
			MCS 4	21.5±2dBm	
			MCS 5	21±2dBm	
			MCS 6	20.5±2dBm	
			MCS 7	20±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	Vertical			
	Gain	12DBi			
Management	WEP management	NO			
	SNMP MIB	NO			
	Telnet	NO			
	Serial	NO			
Security	MAC address control	NO			
	Encryption	WPA 128bits, Close the SSID broadcasting			
Working condition	Working temperature	-30～65°C			
	Storage Temperature	-50～80°C			
	Humidity (non-condensed)	≤95%（NA）			

Product Size

Size: 200*200*130.5MM
N.W: 0.5kg

Φ200mm

30mm

73mm

130.5mm

Φ200mm

Connection diagram

POE   LAN

POE port ------> connect with any port of CPE
POE LAN port ------> connect with PC(Switch