

## DIP1520

### 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



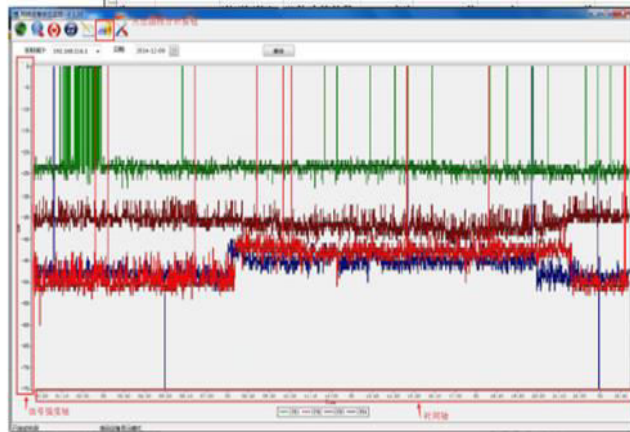
## NETCHECK

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

类型	名称	IP地址	MAC地址	数量	功率 (dBm)	信道占用	连接时间 (s)	备注
AP	192.168.1.1	00:09:5B:30:30:30	0	0	0	25		
DTF	192.168.1.1	00:09:5B:30:30:30	5765	27	1	25		
DTF	192.168.1.5	00:09:5B:30:30:30	5765	27	1	25		
AP	192.168.1.2	00:09:5B:30:30:30	5765	27	1	25		
DTF	192.168.1.2	00:09:5B:30:30:30	5765	27	1	25		
DTF	192.168.1.3	00:09:5B:30:30:30	5765	27	1	25		
DTF	192.168.1.4	00:09:5B:30:30:30	5765	27	1	25		
DTF	192.168.1.5	00:09:5B:30:30:30	5765	27	1	25		
AP	192.168.1.1	00:09:5B:30:30:30	5765	27	1	25		
DTF	192.168.1.2	00:09:5B:30:30:30	5765	27	1	25		
DTF	192.168.1.3	00:09:5B:30:30:30	5765	27	1	25		
DTF	192.168.1.4	00:09:5B:30:30:30	5765	27	1	25		
DTF	192.168.1.5	00:09:5B:30:30:30	5765	27	1	25		



## Specification

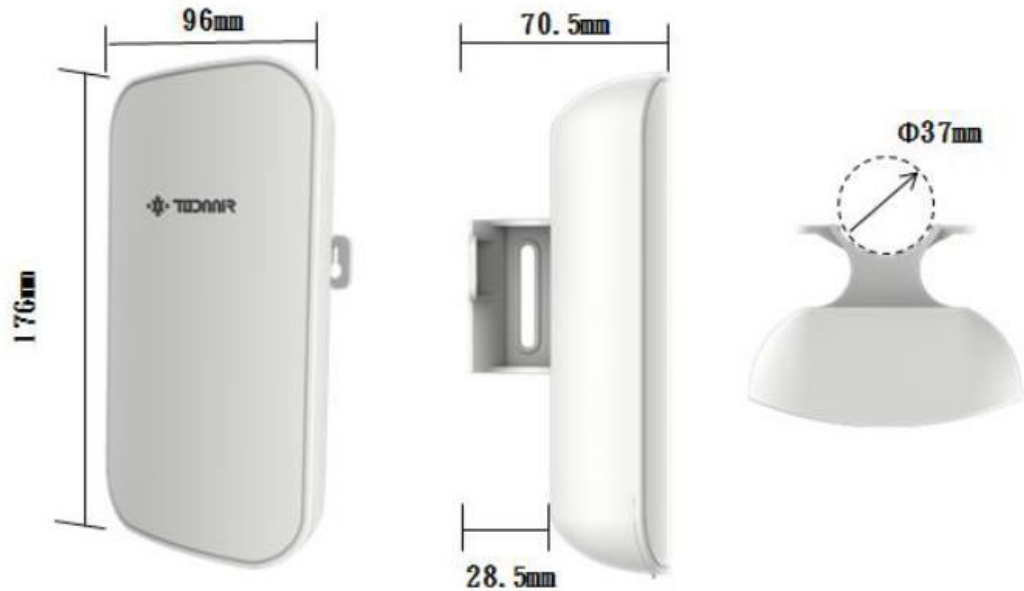
- ① Chipset : AR9344 600MHz
- ② Transmission Range : 500M
- ③ Transmission Rate : 150Mbps
- ④ Antenna Gain : 10dBi
- ⑤ Transmission Power : 23dBm
- ⑥ Transmission Frequency : 5.8GHz

Chipset	Atheros AR9344 600MHz			
DRAM	DDR2 64MByte			
FLASH	8MByte			
IC	SiGe5012B			
Port	10/100Mbps LAN*1			
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, IEEE802.11g, IEEE802.11b, IEEE802.3u			
Protocol	CSMA/CA, TCP/IP, IPX/SPX, NetBEUI, DHCP, NDIS3, NDIS4, NDIS5			
Channel	4900~6100MHz			
Power dissipation	≤3W			
Power	DC 12V 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	10DBi		
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)		

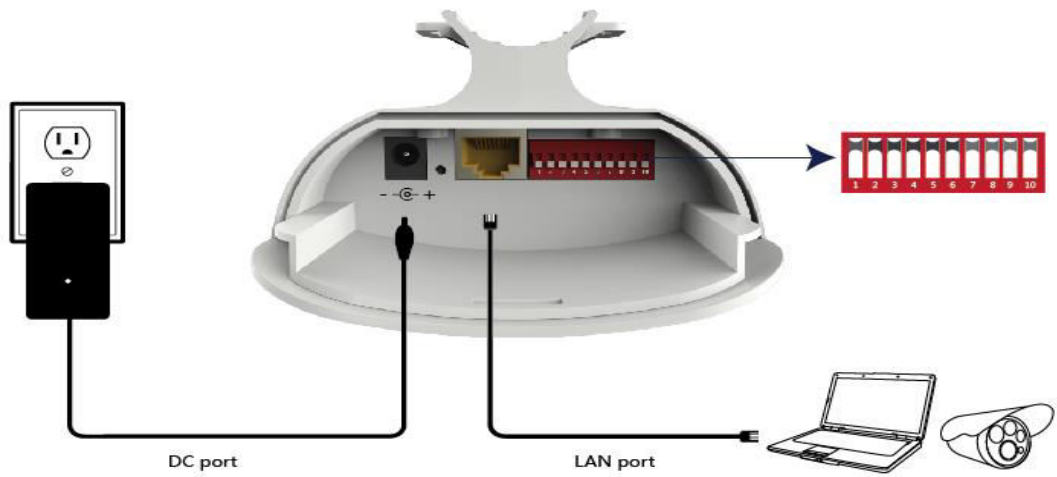
## Product Size

Size: 176\*96\*70.5MM

N. W: 0.3kg



## Connection diagram



DC port -----> connect with DC 12V 1A power

LAN port -----> connect with pc, camera, switcher, NVR