

**Hardware specifications****ATHEROS AR7240 400MHZ CPU AR9285 RF 32MDDR 8M FLASH(New RF chip)**

Item No.	TD1524-SMA	
Frequency and channel	2.3-2.7GHz;5MHz、10MHz、20MHz、40MHz	
Output power of RF	26dBm	
Modulation	DBPSK、DQPSK、CCK、OFDM、16-QAM、64-QAM	
Sensitivity	150M: -68dBm@10% PER	
	108M: -68dBm@10% PER	54M: -68dBm@10% PER
	130M: -68dBm@10% PER	108M: -68dBm@8% PER
	54M: -68dBm@8% PER	11M: -85dBm@10% PER
	6M: -88dBm@8% PER	1M: -90dBm@8% PER

Data and operating parameters

Automatic Rate Selection	802.11n: 6.5-144.44Mbps
	802.11b: 11/5.5/2/1Mbps
	802.11g: 108/54/48/36/24/18/12/9/6Mbps
Standard	IEEE802.11n, IEEE802.11g, IEEE802.11b, IEEE 802.3u, IEEE 802.3af
Supported protocols	CSMA/CA, TCP/IP, IPX/SPX, NetBEUI, DHCP, NDIS3, NDIS4, NDIS5

Dimensions and environmental performance

Environment		Mechanical Specification	
Weight	0.47kg/0.54KG(Package)	Operational Temperature	-30~65℃
Size	255x90x60 mm	Storage Temperature	-50~80℃
Overall package	285x130x100 mm	Temperature(non-condensing)	≤95% (non-condensing)

Management

Web-based management	Support
SNMP MIB	Support
Telnet	Support

Security

MAC Address Control	Support
Encryption	WEP encryption 64/128 bits, WPA, WPA2, 802.1x

Antenna system

Frequency Range (Mhz)	2300-2700
Polarization	Vertical
Gain(dBi)	14DB

Features and Product Description

Transmission rate:150Mbps
Frequency Range:2.3-2.7GHz
Power:400mw
Antenna:SMA x 1
Firmware system:Todacore
Model:AP/Terminal/wds
Features: 1.Display lights designed to make the device work full- state status is more intuitive,small,flexible installation.
2.Double link interface design, and support POE power supply.
3.SMA external antenna interface to facilitate the replacement of various
4.So powerful radiator plate to maintain the best working condition.
5.400Mhz master 8M FLASH, 32M of memory powerful hardware platform.

Product Introduction

Fashionable appearance

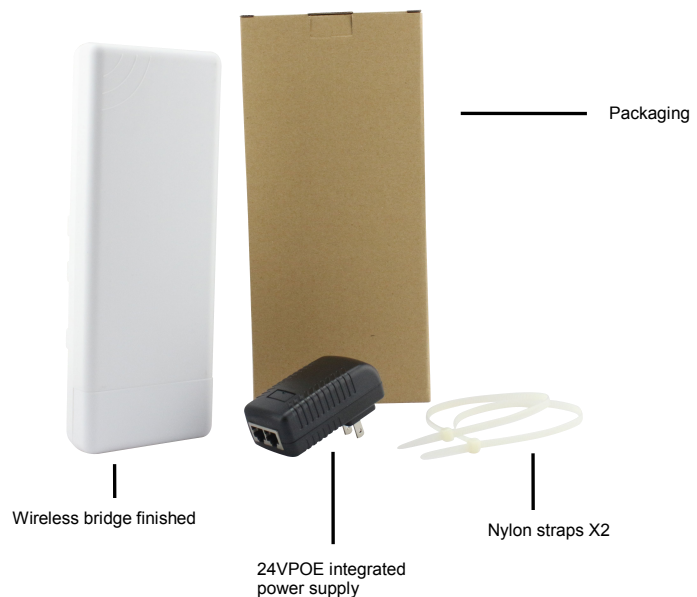
Todaair wireless bridge using a special injection materials, to effectively deal with all kinds of weather. Surface through a special process, rich texture, while a stylish atmosphere, comfortable, and beautiful indeed.



Product packaging

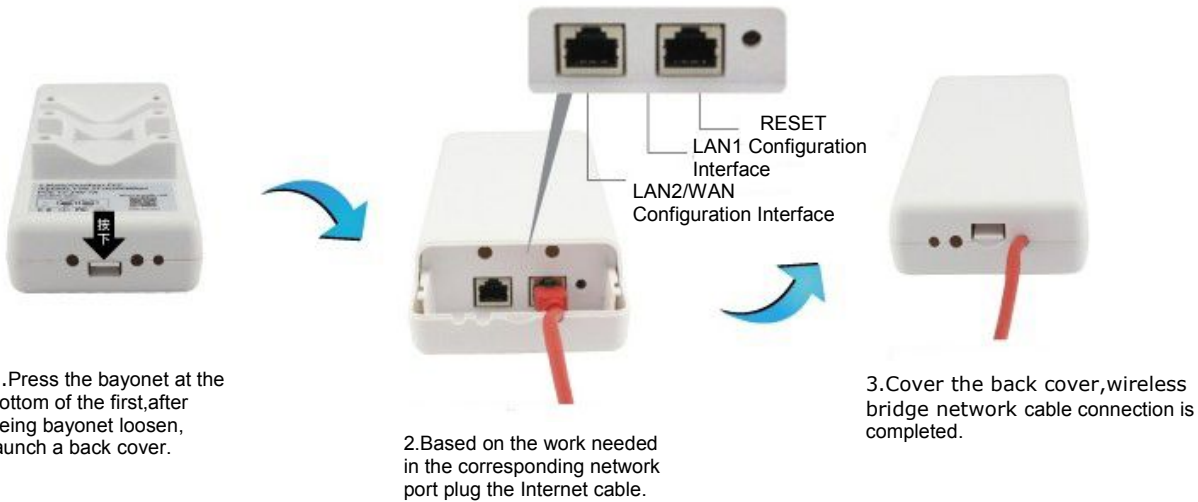
The box is equipped with :

- Wireless bridge finished
- 24VPOE integrated power supply
- Nylon straps X 2



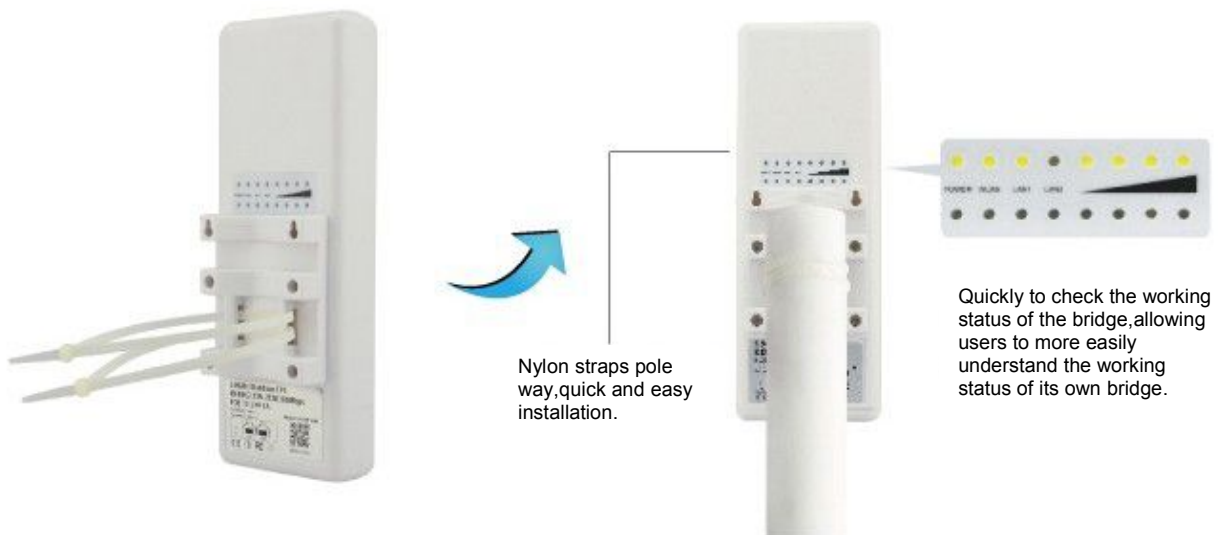
Network cable connection

— Easy to dismantle and easy to install , flexible.



Outdoor installation

— Suitable for all occasions outdoors , residential, public places such as the use.



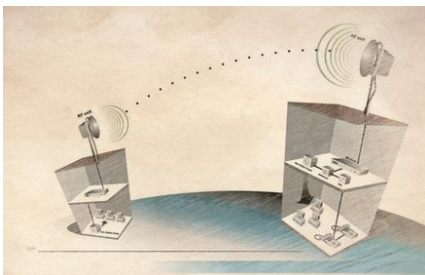
The internal structure of the bridge

Qualcomm Atheros platform for a high performance CPE motherboard, professional product design make it superior performance,are widely used in various wireless coverage works. And is equipped with SMA external antenna head , you can freely switch to a different type of antenna.

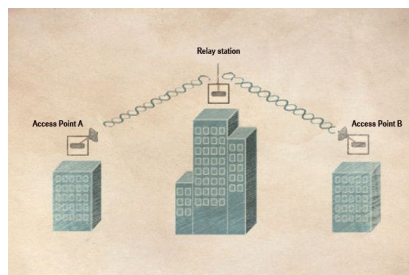


Bridge Application

Point to point mode



Relay mode



Multipoint transmission

