



**WI-R1
2.4GHz 300Mbps
PoE Router
Data sheet**



Highlights

- 150mW High power output, coverage 150meters
- Wireless B/G/N speed up to 300Mbps
- Support AP, WISP wireless mode
- WAN port support PoE Out, PoE voltage 24V-52V
- Support PoE Pass-through
- 2x2 MIMO Technology
- Passive PoE supports up to 100 meter
- 64MB SDRAM 8MB Flash, 600Mhz CPU
- OPENWET and DDWRT Firmware Option

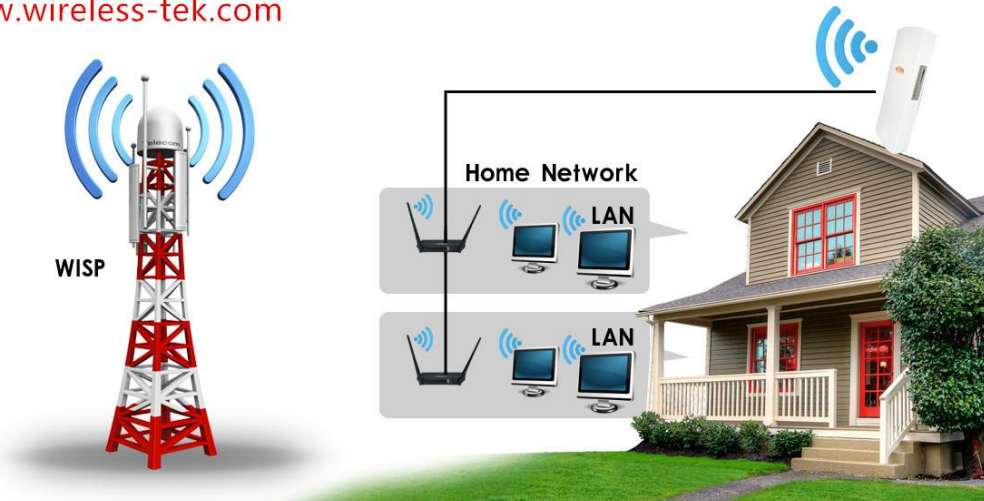


Description

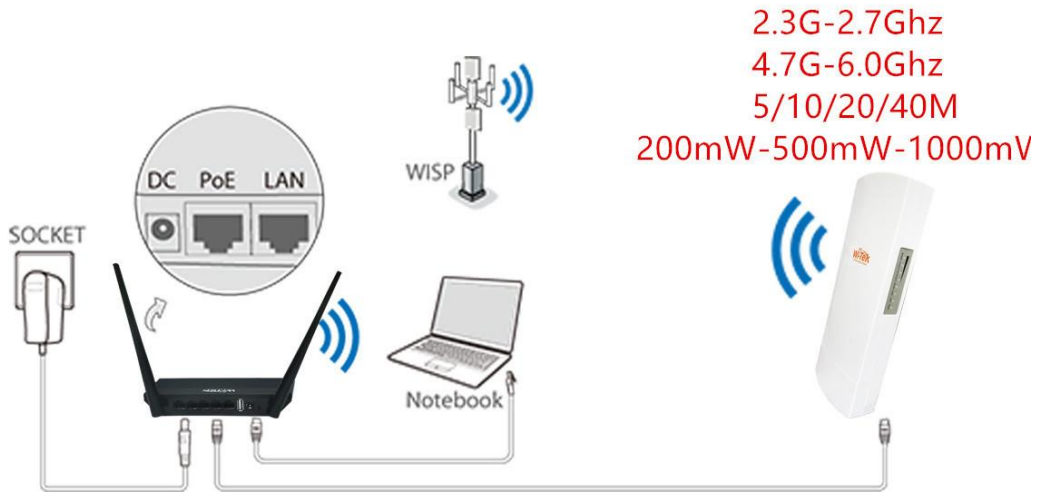
Wi-Tek's WI-R1 is a 2.4GHz 300Mbps 2x2 MIMO PoE Router based on 802.11 b/g/n technology, Its WAN port support Passive PoE, PoE Voltage work from 24V-52V, can support power up wireless AP/CPE at same time, it is your wireless coverage extension best choice.

Typical Applications

www.wireless-tek.com



WI-TEK PTP client CPE+ PoE WIFI Router KIT



WAN Port support 24/48V PoE Out

Wi-Tek
Communication Solution

Specifications

HARDWARE FEATURES	
Processor	MT7620N
Memory	64MB SDRAM 8MB Flash
Interface	5X10/100BASE-TX Ethernet Interface
PoE	WAN Support PoE output
Power Consumption	4W
Power	DC 9-52V, 0.5-3A
Antenna Type	5dBi Omni Antenna

WIRELESS FEATURES	
Wireless Standards	802.11b/g/n
Protocol	CSMA/CA,TCP/IP,IPX/SPX, NetBEUI, DHCP
Wireless Mode	AP ,WISP, Router
Wireless Speeds	11a:54M,48M,36M,24M,18M,1 2M,9M,6Mbps 11n:6.5M , 13M , 13.5M ,

WIRELESS FEATURES	
	19.5M , 26M , 27M , 39M , 40.5M , 52M , 54M , 58.5M , 65M , 81M , 108M , 121.5M , 135M , 150M , 270M , 300Mbps
Frequency	2.4-2.4835Hz

SOFTWARE FEATURES	
Wireless Configurations	802.11b/g/n Modes Selectable Channel Width: 20/40MHz Automatic Channel Selection Transmission Power Control Dynamic Frequency Security: WPA/WPA2, WPA- PSK/WPA2-PSK (AES/TKIP) Encryption, 64/128/152-bit WEP Encryption SSID Broadcast Enable/Disable Distance/ACK Timeout Setting Wireless MAC Address Filter Wireless Advanced: > Beacon Interval/RTS Threshold/Fragmentation >Threshold/DTIM Interval/AP Isolation/Short GI/Wi-Fi Multimedia VLAN
Management	WEP management Serial

SOFTWARE FEATURES	
System-level Optimizations	Optimized IGMP Snooping/Proxy for multicast applications

System Requirements	<p>Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 10, Windows 8, Windows 7, MAC OS, NetWare, UNIX or Linux.</p> <p>Note: We recommend you to use one of following Web browsers for an improved user experience: Google Chrome, Safari, and Firefox. IE browsers are not recommended.</p>
Environment	<p>Working Temp: -40 ~ 70°C Storage Temp: -40 ~85°C Working Humidity: 10%~95% non-condensing</p>