

### **WISP-NR**

**802.11n WISP indoor Router** 

#### 24V Passive PoE Out on both WAN & LAN 1 Ports

Power Outdoor AP/CPE without an extra Power source



#### Work with:

- Ubiquiti
- Mikrotik
- EnGenius
- TP-Link
- ALFA
- Other Passive 24v PoE devices

WISP-NR is a unique wireless gateway specially designed for Wireless ISPs which supports Wi-Fi 802.11n 300Mbps and has passive 24VDC PoE output from both the WAN and LAN1 ports. It is easy for WISP installers to power outdoor AP/CPE without an additional power source. 802.11n 300Mbps 2.4GHz technology allows users to use their mobile device or laptop to connect and enjoy high speed Internet access.



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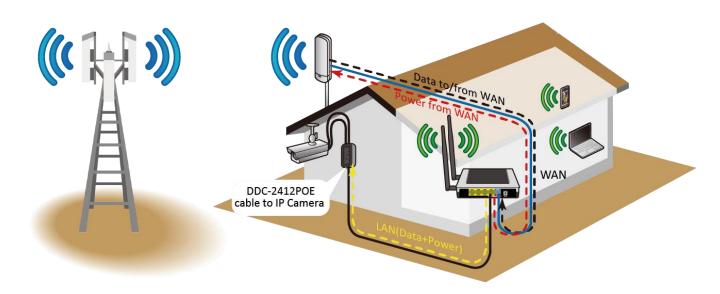


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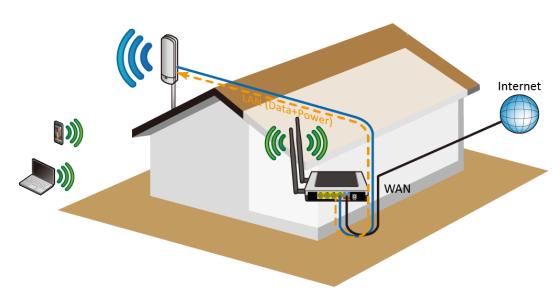
# WISP-NR 802.11n WISP Indoor Router

#### **Application Diagram**

- WAN PoE Out to outdoor CPE which connects to WISP
- LAN PoE Out with DDC-2412POE for IP camera



LAN PoE out to outdoor AP to share internet



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# WISP-NR 802.11n WISP Indoor Router

#### **Specifications**

Note	•			
TX output 802.11g:up to 24±1dBm 802.11n:up to 24±1dBm 802.11n:up to 24±1dBm 802.11n:up to 24±1dBm 802.11p: up to 54Mbps 802.11g: up to 54Mbps 802.11n: up to 300Mbps  RX sensitivity 91dBm @ 802.11b 91dBm @ 802.11g 91dBm @ 802.11n  Power adapter 24V DC / 1A  Operation Temperature -30°C ~ 60°C  Antenna connector RP-SMA female Storage Humidity 10% ~ 90% (Non-condensing)  24V PoE Output Port WAN, LAN 1  LED PWR, SYS, WAN, LAN, WPS  Ix 10/100 WAN 4x 10/100 LAN 1x Reset button 1x WPS button  Weight 0.4kg		IEEE 802.11g IEEE 802.11n	Security	WPA-PSK WPA-EAP (PEAP/TTLS) WPA2-PSK WPA2-EAP WPA Mixed
Data Rate  802.11b: up to 12Mbps 802.11g: up to 54Mbps 802.11n: up to 300Mbps  RX sensitivity  Power adapter  24V DC / 1A  Antenna  2.4GHz 5dBi dipole  Antenna connector  RP-SMA female  24V PoE Output Port  WAN, LAN 1  LED  PWR, SYS, WAN, LAN, WPS  RX sensitivity  Power adapter  24V DC / 1A  Operation Temperature  Storage Humidity  Dimension(mm)  147x 98 x 30 mm  1x 10/100 WAN 4x 10/100 LAN Ix Reset button 1x WPS button  Weight  0.4kg	Channel Width	20/40MHz	TX output	•
Data Rate  802.11g: up to 54Mbps 802.11n: up to 300Mbps  RX sensitivity  -91dBm @ 802.11g -91dBm @ 802.11n  Power adapter  24V DC / 1A  Operation Temperature  30°C ~ 60°C  Storage Humidity  10% ~ 90% (Non-condensing)  24V PoE Output Port  WAN, LAN 1  LED  PWR, SYS, WAN, LAN, WPS  1x 10/100 WAN 4x 10/100 LAN 1x Reset button 1x Reset button 1x Reset button 1x WPS button  Weight  0.4kg			1X output	<del>-</del> •
Antenna 2.4GHz 5dBi dipole Cperation Temperature -30°C ~ 60°C  Antenna connector RP-SMA female Storage Humidity 10% ~ 90% (Non-condensing)  24V PoE Output Port WAN, LAN 1  LED PWR, SYS, WAN, LAN, WPS  1x 10/100 WAN 4x 10/100 LAN 1x Reset button 1x WPS button  Weight 0.4kg	Data Rate	802.11g: up to 54Mbps	RX sensitivity	-91dBm @ 802.11g
Antenna 2.4GHz SdBI dipole Temperature -30 C ** 60 C  Antenna connector RP-SMA female Storage Humidity 10% ~ 90% (Non-condensing)  24V PoE Output Port WAN, LAN 1  LED PWR, SYS, WAN, LAN, WPS  1x 10/100 WAN 4x 10/100 LAN 1x Reset button 1x Reset button 1x WPS button  Weight 0.4kg			Power adapter	24V DC / 1A
24V PoE Output Port WAN, LAN 1  LED PWR, SYS, WAN, LAN, WPS  1x 10/100 WAN 4x 10/100 LAN Interface 1x Reset button 1x WPS button  10% ~ 90% (Non-condensing)  10% ~ 90% (Non-condensing)  147x 98 x 30 mm  Weight 0.4kg	Antenna	2.4GHz 5dBi dipole	•	-30°C ~ 60°C
24V PoE Output Port WAN, LAN 1  LED PWR, SYS, WAN, LAN, WPS  1x 10/100 WAN 4x 10/100 LAN  Interface 1x Reset button 1x WPS button  Dimension(mm) 147x 98 x 30 mm  Weight 0.4kg	Antenna connector	RP-SMA female	_	10% ~ 90% (Non-condensing)
1x 10/100 WAN 4x 10/100 LAN Interface 1x Reset button 1x WPS Weight 0.4kg	24V PoE Output Port	WAN, LAN 1	Humidity	
4x 10/100 LAN Interface 1x Reset button Weight 0.4kg 1x WPS button	LED	PWR, SYS, WAN, LAN, WPS	Dimension(mm)	147x 98 x 30 mm
	Interface	4x 10/100 LAN 1x Reset button 1x WPS button	Weight	0.4kg

### **Package content**

- WISP-NR
- 24V /1A Power adapter
- 2x 5dBi detachable antenna
- QIG

