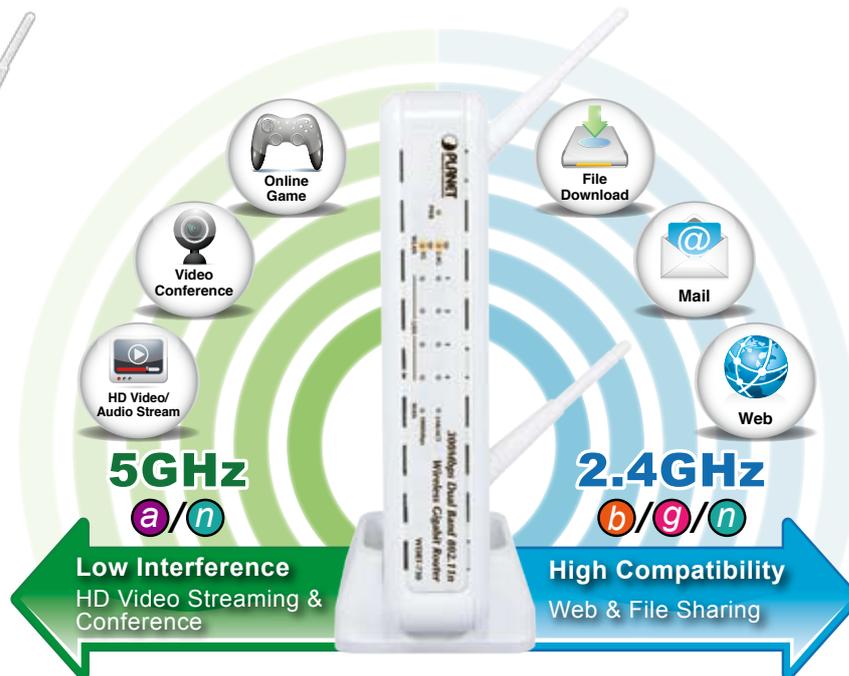


300Mbps Dual Band 802.11n Wireless Gigabit Router



2.4G & 5G Simultaneous Dual Band Wireless Connectivity

Since there are more and more wireless devices using the radio frequency of 2.4GHz in various Wireless applications, the wireless channel of 2.4GHz has been already too crowded for clients to enjoy the high speed wireless connection. In order to avoid the wireless interference between each other, PLANET WDRT-730 provides users the radio frequency of 5GHz for watching HD videos or playing online games additionally. At the same time, it enables other users still surf the Internet via the original radio frequency of 2.4 GHz. The WDRT-730 is just like 2 totally independent Access Points in one device for you.



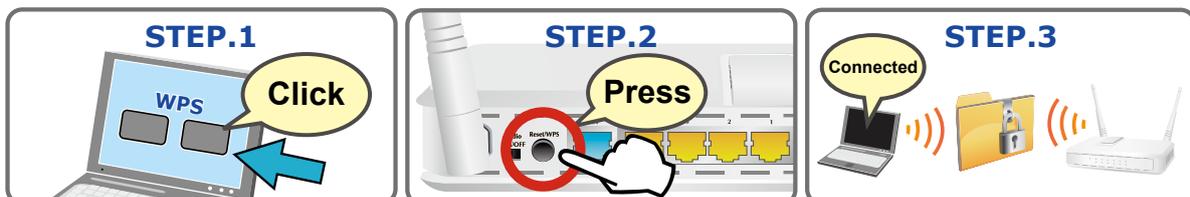
Multiple Network Technologies for Incredibly 600Mbps High-Speed Connection

The WDRT-730 supports IEEE 802.11a/b/g/n dual band standard with 2T2R antenna technology; therefore it can provide the wireless speed up to 300+300Mbps which is 12 times fast than traditional 11g Access Point. Moreover, the WDRT-730 is equipped with all Gigabit Ethernet Ports and hardware designed Wi-Fi ON/OFF switch. Compared with general wireless routers, the WDRT-730 offers faster transmitting speed and more convenient method to enable or disable wireless signal.

Fully Support of Wireless Security Encryption

To secure the wireless communication, the WDRT-730 supports up-to-date encryption technology, WPA / WPA2 and WPA-PSK / WPA2-PSK with TKIP/AES., The WDRT-730 supports Wi-Fi Protected Setup (WPS) configuration with PBC/PIN methods to simplify the wireless security settings. By just clicking the WPS button, the secure connection between the wireless AP and the client will be built immediately.

WPS (Wi-Fi Protected Setup) Quick & Easy Wireless Connection



Advanced Bandwidth Control for Specified Applications

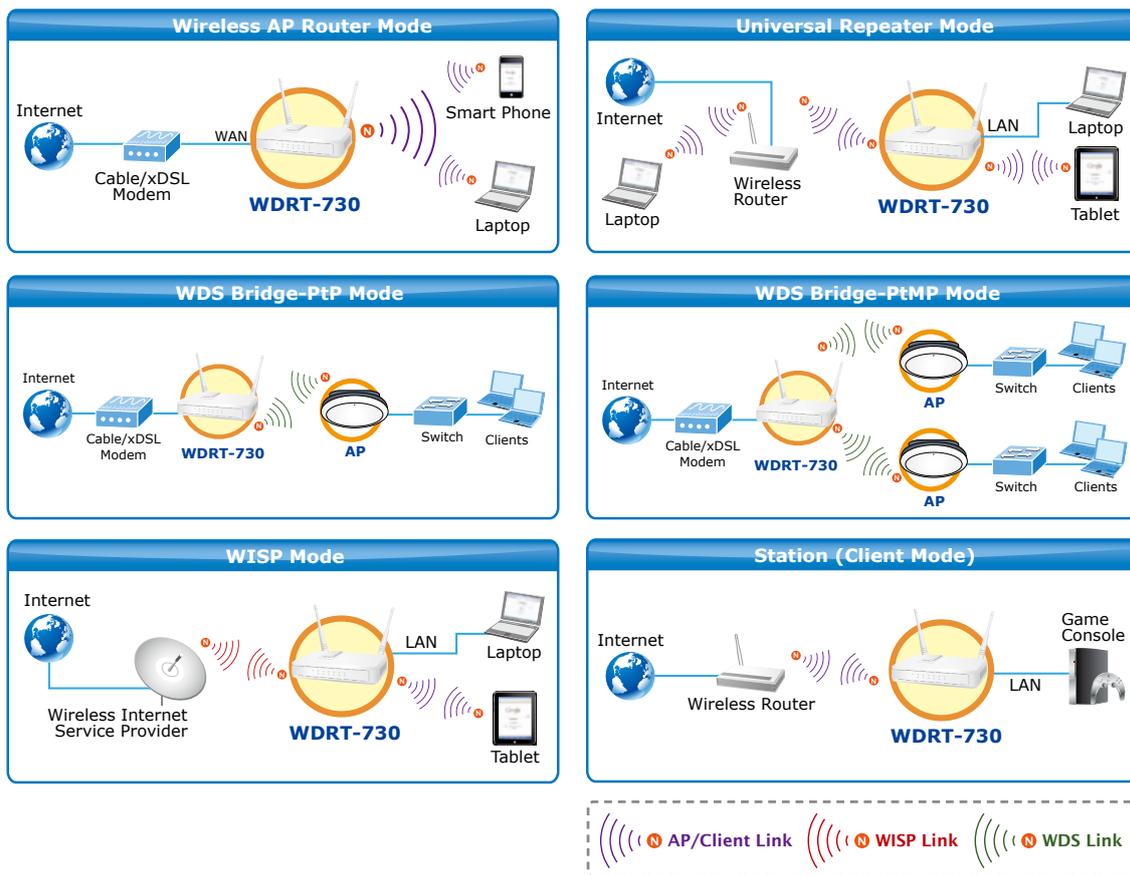
Compared with the QoS function in the past which is too simple to be helpful and is difficult to configure, the WDRT-730 provides more powerful and flexible bandwidth control function for the administrator to keep enough bandwidth for specific applications or limit the maximal bandwidth for some specified clients. Now different users who watch HD movies, play online games, use Internet telephony, and download files can finally exist in the same local area network concurrently.

Powerful Firewall and Complete Access Control Functions

The WDRT-730 supports NAT function allowing multiple users to access Internet via a single legal IP. It also provides Virtual Server for the specific LAN PC to act as an application server and offer certain service to the clients on the Internet. In addition, the powerful firewall protects your Intranet clients from unauthorized accesses and various kinds of DoS attacks from the Internet. In the aspect of firewall, the WDRT-730 supplies IP-based and MAC-based access control to prevent possible hackers attack.

Easy Setup for Multiple Wireless Modes

The WDRT-730 supports multiple wireless modes including AP, Station-Infrastructure, Wireless Bridge, and Universal Repeater for different network applications. Furthermore, with the built-in Quick Setup function, users can configure the WDRT-730 easily and quickly through a couple of simple steps. It is so easy to combine the WDRT-730 with the existing wired network. The WDRT-730 definitely provides a total network solution for the home and the SOHO users.



KEY FEATURES

IEEE COMPLIANT WIRELESS LAN & WIRED LAN

- Compliant with IEEE 802.11a/b/g/n dual-band (2.4G & 5G) wireless technology capable up to 300+300Mbps data rate
- Equipped with all Gigabit RJ-45 ports (10/100/1000Mbps) of 1 WAN port and 4 LAN ports
- Auto MDI/MDI-X supported

FIXED-NETWORK BROADBAND ROUTER

- Supported WAN connection types: Dynamic IP / Static IP / PPPoE / PPTP / L2TP / Telstra Big Pond / WISP
- Supports DHCP Server, PLANET Dynamic DNS
- Supports Static Routing
- Supports Anti-DoS firewall
- Supports DMZ, Virtual server, Port Forwarding and Port Triggering for various networking applications

SECURE NETWORK CONNECTION

- Supports Wi-Fi Protected Setup (WPS)

- Advanced security: 64/128-bit WEP, WPA / WPA2 and WPA-PSK / WPA2-PSK (TKIP/AES encryption), 802.1x
- Supports NAT firewall to protect against DoS attacks
- Supports IP / Protocol-based access control and MAC address Filtering
- Supports VPN Pass Through (PPTP / L2TP / IPSec)

ADVANCED NETWORKING FUNCTION FOR SPECIFIC APPLICATION

- Supports Multiple Bandwidth Control (QoS) based on different local IP addresses and ports
- Supports 802.1d STP, NTP, UPnP and ALG for various networking applications

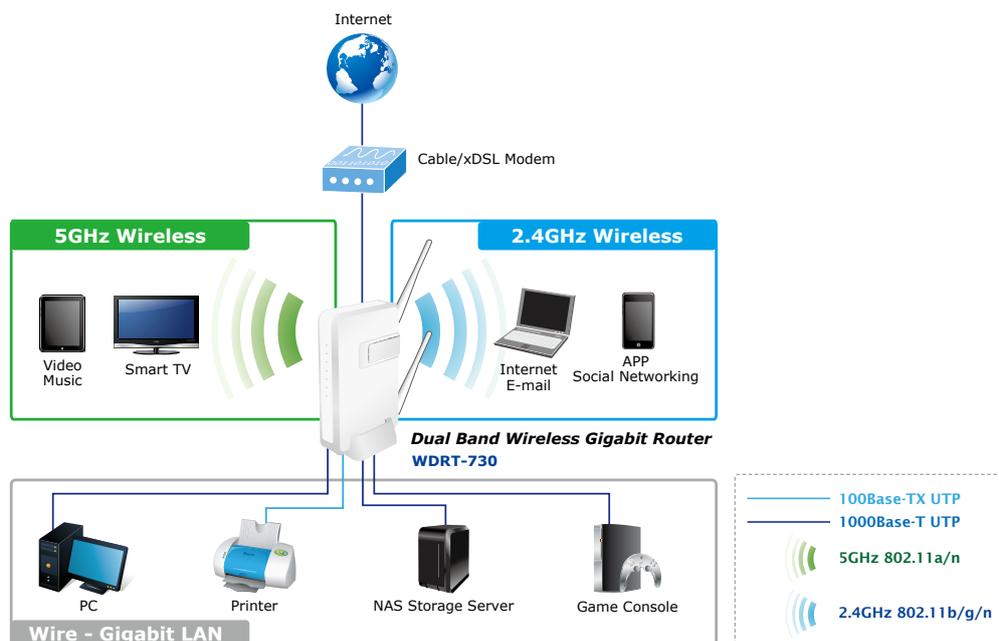
EASY INSTALLATION & MANAGEMENT

- Web-Based UI for and Quick Setup for easy configuration
- Remote Management allows configuration from a remote site
- System status monitoring includes DHCP Client List and System Log

APPLICATIONS

Experience the Real High-Speed Wireless Connection

PLANET WDRT-730 delivers the dual-band technology to avoid signal interference and ensure the best Wi-Fi performance. It allows you to check e-mail and surf the Internet via the 2.4GHz band and simultaneously watch High-Definition (HD) video or any other multimedia application via 5GHz band. Furthermore, the WDRT-730 supports up to 300 + 300 Mbps wireless transmitting rate of 2.4GHz and 5GHz for various wireless applications. All the Gigabit Ethernet ports of the WDRT-730 offer ultra-fast wired connections as well. With outstanding stability on high-speed wireless transmission, the WDRT-730 can provide users excellent experience of multimedia streaming with your mobile devices anywhere, anytime.



SPECIFICATION

Product	300Mbps Dual Band 802.11n Wireless Gigabit Router	
Model	WDRT-730	
Hardware Specification		
Interface	WAN Port	1 x 10/100/1000Mbps Auto MDI/MDI-X RJ45 port
	LAN Port	4 x 10/100/1000Mbps Auto MDI/MDI-X RJ45 ports
Antenna	Gain	2 x 3dBi fixed antenna
	Orientation	Omni-directional
Radio Button	Radio On/Off button at rear panel	
Reset / WPS Button	Reset / WPS button at rear panel	
	Press for more than 10 seconds to reset the device to factory default	
	Press for less than 5 seconds once to activate 2.4GHz wireless WPS function Press for less than 5 seconds twice to activate 5GHz wireless WPS function	
LED Indicators	PWR, WLAN (2.4G & 5G) x 2	
	LAN (Link & 1000Mbps) x 8	
	WAN (Link & 1000Mbps) x 2	
Material	Plastic	
Dimension (W x D x H)	170 x 110 x 32 mm	
Weight	250g	
Power Requirement	12V DC, 1A	
Power Consumption	Maximum of 5.5W	
Wireless interface Specification		
Standard	Compliant with IEEE 802.11a/b/g/n	
Frequency Band	2.4G: 2.4000-2.4835GHz	
	5G: 5.15-5.35GHz, 5.47-5.725GHz, 5.725-5.875GHz	
Extend Frequency	2.4000~2.4835GHz (Industrial Scientific Medical Band)	
Modulation Type	DSSS(DBPSK/DQPSK/CCK)	
	OFDM(BPSK/QPSK/16QAM/64QAM) MIMO	
Data Transmission Rates	11n: (20MHz): MCS0-7, 32 with Half Guard Interval Support (up to 72Mbps) (40MHz): MCS0-7, 32 with Half Guard Interval Support (up to 300Mbps)	
	11g: 6/9/12/24/36/48/54Mbps	
	11b: 1/2/5.5/11Mbps	
	11a: 6/9/12/24/36/48/54Mbps	
Transmission Distance	Indoor up to 100m	
	outdoor up to 300m (Depends on the environment)	
Channel	2.4GHz	
	America / FCC: 2.412~2.462GHz (11 Channels) Europe / ETSI: 2.412~2.472GHz (13 Channels) Japan / TELEC: 2.412~2.484GHz (14 Channels)	
	5GHz	
	5.180GHz ~ 5.825GHz (Total 23 channels) The actual channels in application will vary depends on the regulation in different regions and countries.	
Channel Width	20/ 40MHz	
RF Power / EIRP (Intentional Radiator)	2.4GHz	5GHz
	802.11b: 17±1.5 dBm 802.11g: 14±1.5 dBm 802.11n: 14±1.5 dBm	802.11a: 12±1.5 dBm 802.11n: 12±1.5 dBm
Receive Sensitivity	2.4GHz	5GHz
	11b (11Mbps): -84dBm 11g (54Mbps): -68dBm 11n 20M (MCS7): -66dBm 11n 40M (MCS7): -63dBm	11a (54Mbps): -68dBm 11n 20M (MCS7): -66dBm 11n 40M (MCS7): -63dBm
Wireless Management Features		
Wireless Modes	<ul style="list-style-type: none"> ■ AP (Access Point) ■ WDS PtP (Point to Point) ■ WDS PtMP (Point to Multipoint) 	<ul style="list-style-type: none"> ■ WDS+AP ■ Universal Repeater ■ Client
	Encryption Security	
	WEP (64/128-bit) WPA-PSK (TKIP) / WPA2-PSK (AES) WPA (TKIP) / WPA2 (AES) 802.1x authentication	
Wireless Security	Provided wireless LAN ACL (Access Control List) filtering Wireless MAC address filtering Supports WPS (Wi-Fi Protected Setup)	

Wireless Advanced	802.11e WMM (Wi-Fi Multimedia) Provides Wireless Packets Statistics Wireless Transmit Power Control: 10/25/50/75/90/100%								
Router Features									
Internet Connection Type	Shares data and Internet access for users, supporting the following internet access: <ul style="list-style-type: none"> ■ Dynamic IP ■ Static IP ■ PPPoE ■ PPTP ■ L2TP ■ Telstra Big Pond ■ WISP 								
Extend Frequency	2.4000~2.4835GHz (Industrial Scientific Medical Band)								
Firewall	NAT firewall NAT with ALG (Application Layer Gateway) Built-in NAT server which supports Port Forwarding, Virtual Server, and DMZ Built-in firewall with IP address filtering, Domain Name filtering, and MAC address filtering Supports DoS protection								
LAN	Built-in DHCP server supporting static IP address distributing Supports UPnP, Dynamic DNS Supports Packets Statistics IP & MAC Binding IP / Port / Protocol-based Bandwidth Control Session Number: Max 10240								
System Management	Web-Based (HTTP) management interface Remote management SNTP time synchronize Quick Setup System Log and Security Log								
OS Compatibility	Windows 7 / Windows Vista / Windows 2008 Windows XP / Windows 2003 Mac OS X 10.4 and higher								
Standards Conformance									
IEEE Standards	<table border="0"> <tr> <td>IEEE 802.11a</td> <td>IEEE 802.11i</td> </tr> <tr> <td>IEEE 802.11g</td> <td>IEEE 802.3 10Base-T</td> </tr> <tr> <td>IEEE 802.11b</td> <td>IEEE 802.3u 100Base-TX</td> </tr> <tr> <td>IEEE 802.11n</td> <td>IEEE 802.3ab 1000Base-T</td> </tr> </table>	IEEE 802.11a	IEEE 802.11i	IEEE 802.11g	IEEE 802.3 10Base-T	IEEE 802.11b	IEEE 802.3u 100Base-TX	IEEE 802.11n	IEEE 802.3ab 1000Base-T
IEEE 802.11a	IEEE 802.11i								
IEEE 802.11g	IEEE 802.3 10Base-T								
IEEE 802.11b	IEEE 802.3u 100Base-TX								
IEEE 802.11n	IEEE 802.3ab 1000Base-T								
Others Protocols and Standards	CSMA/CA, CSMA/CD, TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP								
Environment									
Temperature	Operating: 0 ~ 40 Degree C Storage: -40 ~ 70 Degree C								
Humidity	Operating: 10 ~ 90% (Non-Condensing) Storage: 5 ~ 90% (Non-Condensing)								
Regulatory	CE, RoHS								

ORDERING INFORMATION

WDRT-730	300Mbps Dual Band 802.11n Wireless Gigabit Router
-----------------	---

RELATED PRODUCTS

WNL-U554	802.11n Wireless USB 2.0 Adapter
WNL-U554A	802.11n Wireless USB 2.0 Adapter External 3dBi Antenna
WNL-U554M	802.11n Micro Wireless USB 2.0 Adapter
WNL-9501	802.11n Wireless PCI Express Adapter

* To have the best performance and wireless connection, sincerely advice to match the above related products.