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כומפניקס תקשורת ואלקטרוניקה בע"מ

רח' צבי ברגמן 8, סגולה, פתח-תקווה

טל: 03-9049004 פקס: 03-9344497

ח.פ. 512109968

מספר ספק משרד הביטחון: 83524121

## MODEL NUMBER: 18006

### Wireless 4-P Gigabit AP Router

The RP-WR5822 is the high speed and wide-Range Wi-Fi Router, complies with IEEE 802.11a/b/g/n standard, Gigabit LAN and WAN, it provides speed up to 300Mbps in the 2.4GHz frequency band .

The 4 gigabit networking ports improve communication speed. With its superb speed transmission, user can connect the media player, gaming console, or other networking devices at blazing fast wired connection

speeds. With enough bandwidth to handle high level activity on multiple devices, buffering videos guarantees extremely high throughput and excellent signal quality.

The RP-WR5822 supports up-to-date encryptions, such as WEP, WPA and WPA2. With WPS button for easy wireless security encryption, by just clicking the WPS button, the secure connection between the wireless AP and wireless client will be built immediately.



### Feature

- Comply with IEEE 802.11a/b/g/n band 2.4GHz wireless technology capable of up to 300 data rate
- Equipped with all gigabit RJ-45 ports ensure ultra fast data transfer speeds, and auto MDI/MDI-X
- Supports WAN connection types: DHCP / Static IP / PPPoE/ PPTP / L2TP
- Supports Dynamic DNS and DHCP Server
- Supports Wi-Fi Protected Setup (WPS)
- Advanced security: 64/128-bit WEP, WPA / WPA2 and WPA-PSK / WPA2-PSK (TKIP/AES encryption)
- Supports NAT firewall, Port / URL-based access control and MAC address filtering
- Supports dual Wireless Modes: AP Router and WDS Repeater
- Supports dual-SSID to allow users to access different networks through one single AP
- Supports WMM (Wi-Fi Multimedia) and wireless QoS to enhance the efficiency of multimedia application
- Supports wireless schedule to automatically enable or disable the wireless function based on predefined schedule
- TX Beamforming technology improves the wireless coverage, throughput and reliability
- System status monitoring includes DHCP Client List and System Log
- Supports IAPP (Inter Access Point Protocol) and, Wireless roaming to enable clients to roam across different wireless networks
- Supports remote software upgrades
- User-friendly configuration program accessed via a web browser
- User-friendly configuration program accessed via Easy Setup program



## Specification

<b>Wireless specification</b>	<ul style="list-style-type: none"> <li>Operating Frequency : 2.412G~2.484GHz</li> <li>IEEE 802.11b data rates of up to 11 Mbps with automatic fallback to 5.5, 2, and 1 Mbps</li> <li>IEEE 802.11g data rates of up to 54 Mbps with automatic fallback to 48, 36, 24, 18, 12, 9, and 6 Mbps</li> <li>IEEE 802.11n (MIMO 2T2R): Up to 300Mbps (MCS15)</li> <li>Security supports 64/128-bits WEP, WPA, WPA2, WPS</li> <li>Multi-SSID</li> </ul>
<b>Antenna</b>	Two detachable 3dBi antennas
<b>Frequency Band</b>	2.400GHz ~ 2.484GHz
<b>Data Rates</b>	<ul style="list-style-type: none"> <li>802.11n(20MHz): up to 150 Mbps</li> <li>802.11n(40MHz): up to 300 Mbps</li> </ul>
<b>Modulation types</b>	DSSS ,DSSS+ OFDM, OFDM
<b>Output Power</b>	802.11 b: up to 19.53 dBm 802.11 g: up to 18.59 dBm 802.11n 2.4GHz 20MHz : up to 18.11 dBm 802.11n 2.4GHz 40MHz : up to 18.31 dBm
<b>Ethernet WAN specification</b>	<ul style="list-style-type: none"> <li>WAN:10/100/1000Mbps Auto-MDI/MDI-X RJ-45 Ethernet port</li> <li>WAN IP Assignment               <ul style="list-style-type: none"> <li>- Static IP</li> <li>- DHCP client</li> <li>- PPPoE client</li> </ul> </li> </ul>
<b>LAN specification</b>	<ul style="list-style-type: none"> <li>LAN:10/100/1000Mbps Auto-MDI/MDI-X RJ-45 Ethernet port</li> </ul>
<b>Features</b>	<ul style="list-style-type: none"> <li>IGMP snooping and IGMP proxy</li> <li>VPN pass through</li> <li>Management - HTTP Web-based Configuration</li> <li>DDNS (Dynamic Domain Name Service)</li> </ul>
<b>Hardware interface</b>	<ul style="list-style-type: none"> <li>DC Power jack</li> <li>Power switch to power on /off device</li> <li>Reset button to factory defaults</li> <li>1 x Ethernet for WAN port connection</li> <li>4 x Ethernet for LAN port connection</li> <li>WiFi ON/OFF, WPS switch button</li> </ul>
<b>Power Supply</b>	<ul style="list-style-type: none"> <li>External power adapter DC12V 1A</li> </ul>
<b>Dimension</b>	<ul style="list-style-type: none"> <li>L140 x W107 x H29 mm</li> </ul>
<b>Environment</b>	<ul style="list-style-type: none"> <li>Operating temperature: 0 ~ 40°C</li> <li>Storage temperature: -20 ~ 70°C</li> <li>Humidity: 20 ~ 95% non-condensing</li> </ul>
<b>Certification</b>	<ul style="list-style-type: none"> <li>CE,FCC</li> </ul>



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## Application

