

Fiber Wireless Router, Optical Wiress Router

The OWR300 fiber wireless router is a highly integrated optical wireless 11N router designed to deliver IP services at optical speeds for point-to-point FTTH application. It interoperates with major home enduser to meet the worldwide residential market requirements. Alternatively the built-in 802.11b/g/n WLAN brings relief to those troublesome wirings. By offering the flexibility to service provider, the OWR300 delivers the convenience of one model that fits different kind of Internet applications.



Features:

- | Complies with the IEEE 802.11b/g and IEEE802.11n
- | 1 10/100M Auto-Negotiation RJ45 WAN port, 4 10/100M Auto-Negotiation RJ45 LAN ports, supporting Auto MDI/MDIX.
- | High data rate up to 300Mbps network speed.
- | WEP 64/128bit and WPA/WPA2
- | Support local/Remote Web-based configuration
- | Supports web-based configuration

Specifications:

Item	Description
Standard	IEEE802.11n current draft IEEE 802.11g IEEE 802.11b IEEE802.3 IEEE 802.3u IEEE 802.3x
Protocol	CSMA/CA, CSMA/CD, TCP/IP, ICMP, NAT, PPPoE, DHCP, PPTP, UDP, NAT, DNS, DDNS, VPN
LAN	4x100BaseTX (Auto MDI/MDIX)
WAN	1x100Base-Fx optical (Auto MDI/MDIX)
Cable	Multi-mode Fiber: 50/125, 62.5/125um max distance up to 2km or 5km Single-mode Fiber: 8/125,8.7/125, 9/125, 10/125um max distance up to 20-120km
Wireless parameter RF Frequency	2.4~2.4835GHz

For detailed inquiry please contact our sales team at sales@exfiber.com

Data rate	11n: 300/270/243/216/162/108/81/54/27Mbps 135/121.5/108/81/54/40.5/27/13.5Mbps 130/117/104/78/52/39/26/13Mbps 72/65/58.5/52/39/26/19.5/13/6.5Mbps 11g: 54/48/36/24/18/12/9/6M(adaptive) 11b: 11/5.5/2/1M(adaptive)
Wireless transmit power	20dBm(MAX)
Receiver sensitivity	135M: -68dBm@10% PER 54M: -68dBm@10% PER 11M: -85dBm@8% PER 6M: -88dBm@10% PER 1M: -90dBm@8% PER
Channels	1-11 (North America); 1-13 (General Europe); 1-14 (Japan)
WLAN modulation scheme	BPSK, QPSK, CCK and OFDM (BPSK/QPSK/16-QAM/ 64-QAM)
Antenna type	1x2.4GHz Dipole Antenna; (1TX-1RX)
Wireless operation mode	Standard Access Point; Wireless WAN mode (Client Mode Wireless) WDS WPS
Wireless security	WEP 64/128bit MAC based Association SSID broadcast disable Wi-Fi Protection Access (TBD) WPA WPA2
Memories	Flash 2MB, SDRAM 16MB
Media	100BASE-TX: UTP/STP Cat. 5
Management type	Local/Remote Web-based configuration
LED	1xPower, 1xCPU Status, 1xWireless, 1xWAN(optical), 4xLAN
Operating temperature	0 ~ 55
Storage temperature	-20 ~ 65
Humidity	5 ~ 95% non-condensing
Power supply	External DC Power Adapter (linear) Output DC9V,1A; Input 110~240V

Application

- I Soho Network
- I WLAN
- I LAN

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