

## FOT VDR124W VDSL Router

### Introduction

FOT VDR124W is a high-speed WiFi VDSL router based on the twisted-pair digital subscriber line, which was designed with a high transfer rate, easy to install and convenient to use simple features. Using the traditional telephone lines, users can access and enjoy high data transfer rates.

VDR124W theoretical upstream rate and downstream rate can reach up to 100 Mbps that means it supports support data and voice transmission. Through a standard copper telephone lines, We can enjoy such as high-definition television (HDTV), (Video-on-demand), (video conferencing),with high involvement Internet and VOIP voice services.



### Features

- Up to 100Mbps
- QoS applies to triple play service
- Rich management such as WEB Management, FTP/HTTP, CLI & Telnet Management, SNMP, TR069
- Support WiFi IEEE 802.11 b/g/n
- Running on the existed copper cable
- Together with POTS, ISDN and digital phone service

### Specifications

Item	Parameters
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<p>DSL specifications</p>	<p>Full-rate ANSI T1.413 issue 2            ITU-T G.992.1 (G.dmt)            ITU-TG.992.2 (G.lite)            ITU-T G.992.3 (G. dmt.bis), ITU-T G.992.4 (G.lite.bis)            ITU-T G.992.5 (ADSL2+)            ITU-T G.993.2(G.vdsl2) (Profile 8a, 8b, 8c, 8d, 12a,12b and 17a)            Support Annex A or B, Annex L and Annex M            Distance can reach 5 km            Data transfer rate:            Uplink rate up to 3.5Mbps(opening Annex M)            Downlink rate up to 24Mbps            Can be compatible with all types of DSLAM            Support Band Plan 997and 998</p>
<p>ATM and PPP features</p>	<p>RFC2684 Bridge and Routed LLC&amp; VC            RFC2364 PPP over ATM ALL5            RFC2516 PPP over Ethernet            RFC2225/RFC1577 Classical IP over ATM            RFC1483            RFC 1483/2684 Bridged Ethernet            ATM Forum UNI 3.1/4.0, ATM Type 5-AAL5            VPI range from 0 to 255 and VCI range from 32 to 65535            UBR, CBR, VBR-rt, VBR-nrt            F4/F5 OAM Loopback            AIS and RDI OAM cells            Support 16 PVCs</p>
<p>Wireless features</p>	<p>Support IEEE 802.11n, IEEE 802.11g and IEEE 802.11b            Support WPA/WPA2 and WPA-PSK/WPA2-PSK and TKIP/AES encryption            Multiple SSID            Access control list            Provide 64/128 WEP encryption            Wireless distance: indoor 100m, outdoor 300m            Wireless transmission of power: 20dBm            Wireless power:3dBi</p>
<p>Network protocol</p>	<p>Static routing, dynamic RIP routing            MTU adjustments.            NAT            Port mapping/forwarding            NAT application-layer gateways            DHCP server/relay/client            DNS relay            dynamic DDNS            VPN through IPSEC,, L2TP, PPTP</p>

	DMZ PPP automatic reconnect and set the idle time and disconnect time The PPP on-demand dial-up IGMP multicast IGMP v. 1 / j n 2 snooping UPnP
QoS	Classification Rules Priority Queuing 802.1p
Security	PPP PAP/CHAP NAT firewall Packet filter firewall Two levels of password authentication (admin/user) IP filter and MAC filter Parents control
VPN pass	IPSec/PPTP/L2TP
Support operating system	Windows 98 / 98 SE, 2000, ME, XP, NT, Vista, 7 Macintosh Linux
Management Features	WEB Management FTP/HTTP Remote software upgrade or updated CLI & Telnet Management SNMP TR069 remote management Diagnostic tests
Port	1 DSL port (RJ11) IEEE 802.3u 2 FXS ports (RJ11) 4 10/100M network port (RJ45)(MDI/MDIX)
LED indicator:	PWR,LAN1,LAN2,LAN3,LAN4,VoIP1,VoIP2,WLAN,DSL,INET