



D-Link DIR-816 Wireless AC750 Dual Band Router with 3G/LTE Support

Product Specification

Brand	D-Link
Model	DIR-816
Type	Wireless Dual Band Router with 3G/LTE
Processor	MT7620A (580MHz)
RAM	64MB, DDR2
Flash	16MB, SPI
Interface Output	10/100BASE-TX WAN port 4 10/100BASE-TX LAN ports USB 2.0 port
LED Indicators	POWER 2.4G WLAN 5G WLAN INTERNET WPS
Buttons	ON/OFF button to power on/power off WPS/RESET button to set up wireless connection and to restore factory default settings
Antennas	Three external non-detachable antennas (5dBi gain)
MIMO	2 x 2 (for 2.4GHz)
WAN Connection Types	LTE 3G PPPoE IPv6 PPPoE PPPoE Dual Stack Static IP/Dynamic IP Static IPv6/Dynamic IPv6 PPPoE+Static IP/Dynamic IP PPTP/L2TP+Static IP PPTP/L2TP+Static IP

Network Management	Support of IEEE 802.1X for Internet connection DHCP server/relay DHCPv6 server (Stateful/Stateless), IPv6 prefix delegation DNS relay Support of DNSv6 AAAA records Dynamic DNS Static IP routing Static IPv6 routing IGMP Proxy RIP Support of UPnP IGD Support of VLAN WAN ping respond Support of SIP ALG Support of RTSP WAN reservation Autonegotiation of speed, Duplex mode, and flow control/Manual speed and duplex mode setup for each Ethernet port Built-in UDPXY application XUPNPD plug-in
Firewall	Network Address Translation (NAT) Stateful Packet Inspection (SPI) IP filter IPv6 filter MAC filter URL filter DMZ Prevention of ARP and DDoS attacks Prevention of ARP and DDoS attacks Built-in Yandex DNS web content filtering service
VPN	IPSec/PPTP/L2TP/PPPoE pass-through IPSec tunnels
Management	Local and remote access to settings through TELNET/WEB (HTTP/HTTPS) Bilingual web-based interface for configuration and management (Russian/English) Notification on connection problems and auto redirect to settings Firmware update via web-based interface Automatic notification on new firmware version Saving/restoring Traceroute utility TR-069 client SNMP agent Traceroute utility configuration to/from file Support of logging to remote host/connected USB storage Automatic synchronization of system time with NTP server and manual time/date setup Automatic synchronization of system time with NTP server and manual time/date setup
Receiver sensitivity	802.11a 802.11b 802.11n 802.11ac 802.11g
Standards	IEEE 802.11a/n/ac IEEE 802.11b/g/n
Wireless Frequency Range	2400 ~ 2483.5MHz 5150 ~ 5350MHz 5650 ~ 5725MHz
Wireless Network Security	WEP WPA/WPA2 (Personal/Enterprise) MAC filter WPS (PBC/PIN)
Wireless Connection rate	IEEE 802.11a IEEE 802.11b IEEE 802.11g IEEE 802.11n (2.4GHz/5GHz) IEEE 802.11ac (5GHz)
Transmitter output power	802.11a 802.11b 802.11g 802.11n 802.11ac
Modulation Technology	802.11a 802.11b 802.11g 802.11n 802.11ac
Advanced functions	Support of client mode WMM (Wi-Fi QoS) Information on connected Wi-Fi clients Advanced settings Guest Wi-Fi/support of MBSSID Periodic scan of channels automatic switch to least loaded channel
Supports GSM Modem	Alcatel X500 D-Link DWM-152C1 D-Link DWM-156A6 D-Link DWM-156A7 D-Link DWM 156A8 D-Link DWM-156C1 D-Link DWM-157B1 D-Link DWM-157B1 (Velcom) D-Link DWM-158D1 D-Link DWR-710 D-Link DWR-710 Huawei E1550 Huawei E156G Huawei E160G Huawei E169 Huawei E171 Huawei E173 (Megafon) Huawei E220 Huawei E3131 (MTS 420S) Huawei E352 (Megafon) Prolink PHS600 Prolink PHS901 ZTE MF112 ZTE MF192 Z TE MF626 ZTE MF627 ZTE MF652 ZTE MF667 ZTE MF668 ZTE MF752
Supports LTE Modem	Alcatel X500 D-Link DWM-152C1 D-Link DWM-156A6 D-Link DWM-156A7 D-Link DWM 156A8 D-Link DWM-156C1 D-Link DWM-157B1 D-Link DWM-157B1 (Velcom) D-Link DWM-158D1 D-Link DWR-710 D-Link DWR-710 Huawei E1550 Huawei E156G Huawei E160G Huawei E169 Huawei E171 Huawei E173 (Megafon) Huawei E220 Huawei E3131 (MTS 420S) Huawei E352 (Megafon) Prolink PHS600 Prolink PHS901 ZTE MF112 ZTE MF192 ZTE MF626 ZTE MF627 ZTE MF652 ZTE MF667 ZTE MF668 ZTE MF752

Power supplies	12V DC, 1A
Supported Temperature	Operating: from 0 to 40 °C Storage: from -20 to 65 °C
Supported Humidity	Operating: from 10% to 90% (non-condensing) Storage: from 5% to 95% (non-condensing)
Additional Information	Some models of Android smartphones supports in USB tethering mode
Weight	245 Gram
Dimension	7.56 x 4.25 x 1.18 inch (L*W*H)