

Technical Specifications

General

Device Interfaces

- IEEE 802.11ac wireless LAN¹
- IEEE 802.11 a/b/g/n wireless LAN
- 10/100/1000 Gigabit fast Ethernet WAN port
- Four 10/100/1000 Gigabit fast Ethernet LAN ports
- Reset Button
- WPS

LEDs

- Power
- Internet

Antenna Type

- Internal antennas

Operating Frequency

- 2.4 GHz band: 2400 - 2483.5 MHz
- 5 GHz band: 5150 - 5725 MHz

Standards

- IEEE 802.11ac
- IEEE 802.11n
- IEEE 802.11g
- IEEE 802.11b
- IEEE 802.11a
- IEEE 802.3u

Minimum Requirements

- Windows 8/7/Vista/XP SP3, or Mac OS X 10.4 or higher
- Internet Explorer 7, Firefox 12.0, Chrome 20.0, Safari 4.0, or other Java-enabled browser
- Ethernet interface or Wi-Fi
- Cable or DSL Modem
- Subscription with an Internet Service Provider (for Internet access)

Functionality

Security

- 64/128 bits WEP
- WPA & WPA2 (Wi-Fi Protected Access)
- WPS (Wi-Fi Protected Setup)

Advanced Features

- Web setup wizard
- QoS (Quality of Service)
- DMZ (Demilitarized Zone)
- Firewall - Network Address Translation (NAT)
- Guest zone
- IPv6 ready

mydlink™ SharePort™ App Features

- Remote Access Mode: Access files through the Internet
- Local Access Mode: Access files from any device connected to the DIR-818LW
- SharePort Web File Access support (web browser)
- Access files from any device connected to the DIR-818LW
- Accepts USB storage drives up to 250GB

mydlink™ Lite App Features

- Remote Management
- View current upload/download bandwidth
- View currently connected clients
- View web browsing history per client
- Block/unblock client network access
- Manage wireless network details
- Accessible through a web browser or iOS, Android or Windows mobile app

Mobile App Support

- mydlink™ Lite
- mydlink™ SharePort™
- QRS Mobile
- Apps support iPhone, iPad, iPod Touch, and Android devices

Physical

Dimensions

- Item: 5.7 x 4.57 x 3.61 inches Box: 8.75 x 6 x 5.5 inches

Weight

- Item: 0.6 lbs Box: 1.45 lbs

Power

- Input: DC 12V/1.5A

Temperature

- Operating: 0 to 40 °C (32 to 104 °F)
- Storage: -20 to 65 °C (-4 to 149 °F)

Humidity

- Operating: 10% to 90% non-condensing
- Storage: 5% to 95% non-condensing

Certifications

- IC
- CE
- Wi-Fi Certified
- FCC

1. Maximum wireless signal rate derived from draft IEEE 802.11ac and IEEE 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range. Wireless range and speed rates are D-Link relative performance measurements based on the wireless range and speed rates of a standard wireless product from D-Link. Maximum throughput based on D-Link 802.11ac devices.