



DP-G310

Single-Port Wireless USB Print Server

With Built-in High-Speed 802.11g WLAN Interface

The DP-G310 wireless print server provides a high-speed USB 2.0 printer port for connection to a USB-supported printer. Equipped with a 10/100BASE Ethernet and high-speed 802.11g wireless LAN interface, this device lets you conveniently share your printer with a group of home or office users, with or without the network wires. Supporting multiple network operating systems, this print server brings a high level of flexibility and performance to your printing needs.

Flexible Installation

The DP-G310 is ideal for both the large office and the small workgroup. For homes and SOHO with just one printer to share, this print server offers a single port and saves you the cost. For the large office with many computer users and several printers scattered at different places, you can plug one print server to each of these printers to share them on the network.

Ethernet and Wireless Interfaces

Two LAN interfaces are provided on this print server: (1) a 10/100BASE-TX Ethernet port and (2) a high-speed 802.11g wireless LAN interface supporting up to 54Mbps network data transfer. This flexibly allows both Ethernet users and wireless users to print files through the print server.

Wireless Network Security

The DP-G310 provides the necessary security for wireless users, using the user-selectable 64/128-bit industry-standard

WEP (Wired Equivalent Privacy) encryption protocol. Data privacy mechanism is based on a shared key algorithm, as described in the wireless LAN standard.

Multiple Network OS Support

The DP-G310 supports many network OS, including Windows, Apple MacOS, Linux, Solaris, SCO Unix and NetWare 5.x native NDS. This gives you the flexibility to install the print server, regardless of your network environment.

Easy Setup

Setting up the print server is easy with a Windows-based menu-driven program, which guides you through all the necessary steps to set up and configure your network printer. SNMP and latest MIB-II MIBs are built into the print server, allowing you to manage this device on any SNMP standard-based network.

Key Features

- High-speed USB 2.0 printer port
- Built-in high-speed 802.11g wireless interface
- 10/100BASE-TX Ethernet port
- Prints files from Windows, Unix, NetWare, Macintosh
- Easy web-based administration
- Windows-based program for easy setup/management of print jobs
- SNMP and MIB-II (RFC 1213) support for platform-independent management
- Compact, lightweight

DP-G310

Technical Specifications

Printer Port

High-speed USB 2.0 port

LAN Interfaces

- 802.11g wireless LAN
- 10/100BASE-TX port

Network Protocols

- Transport Protocols: TCP/IP, NetBEUI, AppleTalk/EtherTalk
- TCP/IP Protocols: BOOTP, SNMP, Telnet, TFTP, FTP, LPD, RARP, DHCP, IPP

Management and Diagnostics

- Standard: SNMP
- MIBs: MIB-II (RFC 1213)
- Mac OS RendezVous

IP Assignment

- Manual
- Automatic through DHCP, BOOTP or RARP server

Configuration Reset

Reset button

Diagnostic LED Indicators

- Power
- Ethernet (Link/Act)
- WLAN
- USB

Built-in Wireless LAN

Wireless LAN Standards

- 802.11g
- 802.11b

Data Rates

- 802.11g: up to 54Mbps (6/9/12/18/24/36/48/54Mbps)
- 802.11b: up to 11Mbps (1/2/5.5/11Mbps)

Transmission Technology

DSSS

RF Frequency Range

2.4 to 2.4835GHz

Operating Channels

- 1 to 11 channels (FCC)
- 1 to 13 channels (ETSI)

Data Modulation Type

DBPSK, DQPSK, CCK, OFDM

Antenna

2dBi Gain external dipole antenna

Transmit Output Power

16dBm (typical)

Receive Sensitivity (for 802.11b)

- (typically @PER < 8% packet size 1024 @ 25°C +/- 5°C)
- 11Mbps (CCK): -82 dBm
 - 5.5Mbps (CCK): -86 dBm
 - 2Mbps (QPSK): -90 dBm
 - 1Mbps (BPSK): -90 dBm

Receive Sensitivity (for 802.11g)

- (typically @PER < 8% packet size 1024 @ 25°C +/- 5°C)
- 54Mbps (OFDM): -66 dBm
 - 48Mbps (OFDM): -64 dBm
 - 36Mbps (OFDM): -70 dBm
 - 24Mbps (OFDM): -72 dBm
 - 18Mbps (OFDM): -80 dBm
 - 12Mbps (OFDM): -84 dBm
 - 9Mbps (OFDM): -86 dBm
 - 6Mbps (OFDM): -88 dBm

Operating Range *

- Indoors: 100 meters
- Outdoors: 400 meters

* Environmental factors may adversely affect range

Security

WEP 64/128-bit data encryption (user-selectable)

Print Server

O.S. Support

- Windows 98, ME, 2000, XP
- MacOS EtherTalk
- Unix
- NetWare 5.0 or above (Native NDS)
- Ipd

Environmental & Physical

Input Power

- 5V DC 2.5A
- Through external power adapter

Dimensions

90 mm (W) x 82 mm (D) x 39 mm (H)

Weight

146 grams

Operating Temperature

0° to 50°C

Storage Temperature

-25° to 60°C

Humidity

5% to 95% non-condensing

Emissions

- FCC Class B
- CE Class B
- C-Tick

Box Includes

- DP-G310 print server
- CD-ROM with Manual and Print Server Administration program
- Quick Installation Guide
- External power adapte



Ordering Information

802.11g Wireless Single-Port USB Print Server

DP-G310 With USB 2.0 printer port, 10/100BASE-TX port

Please specify your order as follows:

DP-G310/ANA	US standard power adapter, North America frequency
DP-G310/BEU	UK standard power adapter, EU frequency
DP-G310/EEU	EU standard power adapter, EU frequency
DP-G310/NEU	Australia standard power adapter, EU frequency
DP-G310/CN	China standard power adapter, China frequency
DP-G310/ENA	EU standard power adapter, North America frequency

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Canada	TEL: 1-905-8295033	FAX: 1-905-8295223
Europe	TEL: 44-20-8731-5555	FAX: 44-20-8731-5511
Germany	TEL: 49-6196-77990	FAX: 49-6196-7799300
France	TEL: 33-1-30238688	FAX: 33-1-30238689
Benelux	TEL: 31-10-282-1445	FAX: 31-10-282-1331
Italy	TEL: 39-2-2900-0676	FAX: 39-2-2900-1723
Iberia	TEL: 34-93-4090770	FAX: 34-93-4910795
Sweden	TEL: 46-(0)8564-61900	FAX: 46-(0)8564-61901
Norway	TEL: 47-22-309075	FAX: 47-22-309085
Denmark	TEL: 45-43-969040	FAX: 45-43-424347
Finland	TEL: 358-9-2707-5080	FAX: 358-9-2707-5081
Singapore	TEL: 65-6774-6233	FAX: 65-6774-6322
Australia	TEL: 61-2-8899-1800	FAX: 61-2-8899-1868
Japan	TEL: 81-3-5434-9678	FAX: 81-3-5434-9868
China	TEL: 86-10-8518-2533	FAX: 86-10-8518-2250
India	TEL: 91-022-652-6696	FAX: 91-022-652-8914
Middle East (Dubai)	TEL: 9714-8834234	FAX: 9714-8834394
Turkey	TEL: 90-212-335-2553	FAX: 90-212-335-2500
Egypt	TEL: 202-414-4295	FAX: 202-415-6704
Israel	TEL: 972-9-9715700	FAX: 972-9-9715601
Latinamerica	TEL: 56-2-232-3185	FAX: 56-2-232-0923
Brasil	TEL: 55-11-55039320	FAX: 55-11-55039321
South Africa	TEL: 27(0)1266-52165	FAX: 27(0)1266-52186
Russia	TEL: 7-095-744-0099	FAX: 7-095-744-0099#350
Taiwan	TEL: 886-2-2910-2626	FAX: 886-2-2910-1515
D-Link Corp.	TEL: 886-2-2916-1600	FAX: 886-2-2914-6299


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