



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.

Remote Printing Support

The DP-G310 supports IPP (Internet Printing Protocol), so you can set an IP address in the print server for remote users to output print files to the printers from remote places.

Setup & Access Control

Setting up the print server can be done from any workstation running a web browser. In addition, Windows-based menu-driven program allows you to do administration jobs and set access control. Access to your network printer can be control by setting up a list of MAC addresses of user computers allow to print files. SNMP and latest MIB-II MIBs are built into the print server, allowing you to manage this device on an 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
- Remote printing support
- User access & print job control
- 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
- IPP (Internet Printing Protocol)

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 82.4 mm (D) x 32.5 mm (H)

Weight

121 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 adapter



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 (U. K.)	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
Netherlands	TEL: 31-10-282-1445	FAX: 31-10-282-1331
Belgium	TEL: 32(0)2-517-7111	FAX: 32(0)2-517-6500
Italy	TEL: 39-02-2900-0676	FAX: 39-02-2900-1723
Sweden	TEL: 46-(0)8564-61900	FAX: 46-(0)8564-61901
Denmark	TEL: 45-43-969040	FAX: 45-43-424347
Norway	TEL: 47-99-300-100	FAX: 47-22-309580
Finland	TEL: 358-9-2707 5080	FAX: 358-9-2707-5081
Spain	TEL: 34-93-4090770	FAX: 34-93-4910795
Portugal	TEL: 351-21-8688493	
Czech Republic	TEL: 420-(603)-276-589	
Switzerland	TEL: 41-(0)-1-832-11-00	FAX: 41(0)-1-832-11-01
Greece	TEL: 30-210-9914 512	FAX: 30-210-9916902
Luxemburg	TEL: 32-(0)2-517-7111	FAX: 32-(0)2-517-6500
Poland	TEL: 48-(0)-22-583-92-75	FAX: 48-(0)-22-583-92-76
Hungary	TEL: 36-(0)-1-461-30-00	FAX: 36-(0)-1-461-30-09
Singapore	TEL: 65-6774-6233	FAX: 65-6774-6322
Australia	TEL: 61-2-8899-1800	FAX: 61-2-8899-1868
India	TEL: 91-022-26526696	FAX: 91-022-26528914
Middle East (Dubai)	TEL: 971-4-3916480	FAX: 971-4-3908881
Turkey	TEL: 90-212-289-56-59	FAX: 90-212-289-76-06
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
Brazil	TEL: 55-11-218-59300	FAX: 55-11-218-59322
South Africa	TEL: 27-12-665-2165	FAX: 27-12-665-2186
Russia	TEL: 7-095-744-0099	FAX: 7-095-744-0099 #350
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