



## 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

WEPP (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)
- lpd

### 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 adapter



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## 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:

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

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