



Feature

In addition to its on-board LAN port, the Mini100w provides a wireless LAN adapter slot to serve as a wireless print server. When used as a wireless device, the print server eliminates the need for installing bulky cables to enable easy addition of printers in a LAN. The print server supports USB printers and achieves improved usability and higher data transfer compared to the conventional printing scheme that utilizes a parallel cable.

■ Fully Complies with IEEE802.11b Wireless LAN Standard (Wireless Only)

When the optional wireless LAN adapter card [\[GW-NS11S\]](#) or [\[GW-NS11H\]](#) is installed in the card slot on the product, the Mini100W functions as a wireless LAN print server and supports both Adhoc and Infrastructure communication modes.

Furthermore, its on-board (wired) LAN port can be used while the product serves as a wireless LAN print server to provide support for both wired and wireless LAN simultaneously. The Mini100w supports networks mixed with both wireless and wired nodes, allowing flexible construction of a printing environment.

The optional wireless LAN adapter [\[GW-NS11S\]](#) or [\[GW-NS11H\]](#) is required to use the product as a wireless LAN print server.

■ WEP Encryption Protects Data (Wireless Only)

The product utilizes WEP (Wired Equivalent Privacy) to encrypt data sent over a wireless network, making it virtually impossible to decipher should someone intercept the data by any chance. The Mini100w supports 40/128bit WEP and converts data signals to more than one trillion patterns.

■ Supports USB Printers

The Mini100w provides a USB port as its printer interface, and achieves considerably faster transfer of print data compared to the conventional scheme that involves a parallel cable. Being USB compliant, the product also supports Hot Swap and other handy USB features.

■ Supports IPP (Internet Printing Protocol), a standard protocol of Windows2000

The Mini100w employs Windows 2000's built-in printing protocol called "IPP" to enable printing via intranets and the Internet.

[Merits of IPP Compatibility]

Sending a document to a remote user over a network usually requires the sender to attach the document to an e-mail message and send it to the other party. In this scheme, the recipient must also open and print out the attachment. If the receiver has a printer with IPP support, on the other hand, the sender can directly print the document on the receiver's printer. In other words, the new scheme:

- Frees the receiving party from the need to open and print out an attachment
- Saves the trouble of starting a PC just to receive and print out the file
- Directly provides a printed copy of the document to the recipient, whether or not the receiver has the software the sending party used.
- Totally eliminates the cost of fax calls if data is sent over the Internet rather than by fax.

■ Easy Configuration (Supplied with a Proprietary Config. Utility)

Using the supplied configuration utility, the user can easily configure the Mini100w from a PC attached to the product. Each parameter can be also configured through a Web browser, and the current configuration parameters may be printed out by simply pressing the switch on the rear panel of the product.

■ Key Features of the Mini Series Products

Model Number	Bandwidth (Wired)	Web-Based Management	AppleTalk	SNMP
Mini100w	10/100Base	O	O	O
Mini100plus	10/100Base	O	O	O
Mini300plus	10/100Base	O	O	O
Mini300m	10/100Base	X	O	O
Mini300	10/100Base	O	O	O
Mini100	10/100Base	O	O	O
Mini100m	10/100Base	X	O	O
Mini2	10Base	O	O	O
Mini	10Base	X	X	X

Specifications

Model Number	Mini100w
Wired Networking/Printing	
Standards Conformance	IEEE802.3(10BASE-T),IEEE802.3u(100BASE-TX)
Network Interface	RJ-45X1(10BASE-T ,100BASE-TX)
Printer Interface	Mini100w Side: USB Port TypeA(USB1.1) *Requires a USB cable
Wireless Networking (Assumes GW-NS11S or GW-NS11H is in the card slot)	
Standards Conformance	IEEE802.11b compliant
Data Transfer Rate	11/5.5/2/1Mbps (Auto-Sensing)
Frequency Range	2.4GHz Band
Number of Channels	14
Modulation Scheme	Direct Sequence Spread Spectrum (DS-SS)
Communication Range	Indoor: 70m (2Mbps)/30m(11Mbps)35-100m Outdoor: 300m (2Mbps)/200m (11Mbps) *May vary with different environmental conditions
Antenna Type	Diversity Antenna (GW-NS11S), Chip Antenna(GW-NS11H)
Access Method	Supports Roaming as well as Ad Hoc and Infrastructure modes
Security Features	ESS-ID, WEP(40bit/128bit)
Main Body	
Test Switch	Tact Switch (Push Type) x 1 for resetting and printing configuration parameters
Supported Protocols	TCP/IP, IPP, AppleTalk, NetBEUI *Only postscript printers are supported in AppleTalk
Configuration Interfaces	Proprietary Utility, WWW Browser OSes supported by the utility: Windows 98/98SE/Me/2000/XP/NT4.00
SNMP	Supported
System Upgrade	Rewrites the internal flash ROM
LED Indicators	LAN, WLAN, ACT, ERR
Power Source	AC100 (50/60Hz) via the supplied AC adapter
Power Consumption	3W max.
Power Input	DC12V, 800mA
Dimensions	120(W) x 25(H) x 95(D)mm

Weight	156g (excluding the AC adapter)
Operating Temperatures	0 - 40 degrees Celsius
Operating Humidities	10 - 80%(non-condensing)
Supported OSes	Windows 98/98SE/Me/2000/XP/NT4.0, Linux, Macintosh (OS 9.x or later: supports postscript printers only)
Supported Printers	Printers with a USB interface
HP Web JetAdmin/JetAdmin	Supported
EMI	VCCI Class B, FCC, CE
Package Contents	Mini100w, Driver & Utility CD-ROM, AC Power Adapter, User's Manual

- * Inquiries on the operation of the product under Linux will be received and answered only by e-mail.
- * Some printers with bi-direction communication support may not print normally when used with the product. If this is the case, disable the bi-direction communication (printing) mode of your printer.
- * To print from a Macintosh (MacOS) client, you must use a printer with PostScript support. Please note that printers that lack PostScript support do not work at all when printing from MacOS.

▼ Product view

