**WIRELESS**



3-Port Wireless Print Server    or
Wireless Access Point w/3-port Print Server

# WA739P

DSL/Cable Compatible

11M Wireless

2 YEAR WARRANTY

Works with Win XP

## The Choice isYours:

A) 3-Port Wireless Print Server
B) Wireless Access Point w/3-Port Print Server

- Connect Anywhere, Anytime
- Fast, Reliable and Secure
- Compliant with IEEE 802.11b Standard
- Supports most network operating systems
- Easy to install and use
- Free tech support

**HAWKING®**
**T E C H N O L O G Y**

## A) 3-Port Wireless Print Server

The Hawking WA739P 11M Wireless 3-Port Print Server is the most powerful and convenient way to connect and share your printer to a network Cable-Free. You can place your printer anywhere you want at your Home/Office and send print jobs from the wired or wireless network. There is no need to place your printer right next to the workstation or file server.
It provides high-speed Wireless data transmission up to 11M, so that you are ensured high performance when communicating with any computer within your LAN. The WA739P also supports multiple servers and multiple protocols, which will allow you to print from anywhere, from any computer and from any application.

## B) Wireless AP w/3-Port Print Server

This WA739P Wireless Access Point with built-in 3-Port Print server is designed to connect your Wireless LAN to your wired network. With built in 3-Port print server parallel ports, you can share the printers among wireless and wired users. It delivers network speeds up to 11Mbps, five times faster than previous wireless LAN products. Using dynamic rate shifting to create a reliable connection, each Access Point supports up to 32 simultaneous users at a distance of up to 1000ft (300m) for outdoor use and 328ft(100m) for indoor use. It also features Wires Equivalent Privacy (WEP) -compliant data encryption using 64/40-bit encryption keys, MAC Address Control and user authentication to ensure a secure network connection.

## Easy to Install, Use and Manage

The Hawking WA739P can automatically identify the IP address and subnet when it is connected to an Ethernet LAN. It will automatically obtain an IP Address from DHCP Servers and forward additional IP address to clients in Wireless LANs. The WA739P can be remotely managed via web browser.  It can automatically search and scan your wireless LAN to preset your Access Point automatically for you.

## Package Contents:
- One WA739P
- 110/220V Power Adapter
- Easy to follows owner's manual

## Systems Requirement:
- IEEE 802.3 10Base-T network
- IEEE 802.11b Wireless LAN

## Network Operations Systems Support:
Microsoft Windows 95/98/2000//NT/ME/XP and more!

## Ready, Network & Go!
It's easy to install, it's easy to use! Everyone can do it.

### Step 1 – Decide Configuration
Choose how you want to use this device: A) Wireless 3- Port Print Server or B) Wireless Access Point w/ 3-Port Print server.

### Step 2 – Connect It
A) Connect up to 3 Printers to the parallel ports of the WA739P and place it anywhere in your Home/Office for Wireless Print Server Configuration. B) Connect the WA739P to one of your LAN's Hub or Switch available port for Wireless AP w/3-port Print Server configuration.  You can also connect your printers to the parallel ports.

### Step 3 – Configure It
**Launch your Web Browser to setup. That's it!**

## Specification:
**Network**
- IEEE 802.11b WLAN Standard
- IEEE 802.3 10Base-T Standard

**LAN Speed**
- Wireless: 11/5.5/2/1 Mbps Adaptive Data Rate
- Wired: 10 Mbps

**Security:** IEEE WEP 64/128-bit
**Network Management:** SNMP, MIB, 802.11
**LAN Interface:** RJ45
**Antenna:** External Antenna Diversity System 2dB gain
**Power:** AC 100-250V 50/60HZ to 5VDC 1.5A
**Frequency Band:** 2.4 ~ 2.4835GHz
**Channels:**
- 11 Channels (US, Canada)
- 13 Channels (Europe)
- 14 Channels (Japan)

**Modulation Technique**
- DSSS (Direct Sequence Spread Spectrum)
- 1Mbps DBPSK
- 2Mbps DQPSK
- 5.5Mbps CCK
- 11Mbps CCK

**Support:** IPP, DHCP (client), Windows Print Monitor Technology, SNMP
**Management:** Web Interface, Windows-based Setup Program, Telnet, TFTP
**Output Power:** Peak +20dBm.
**Receiver Sensitivity:** –80dBm Min.
**TYPICAL OPERATION RANGE\***

| DATA RATE | INDOOR RANGE | OUTDOOR RANGE |
| --- | --- | --- |
| 11Mbps | 120 ft (37 m) | 400 ft (122 m) |
| 5.5 Mbps | 200 ft (61 m) | 600 ft (183 m) |
| 2 Mbps | 240 ft (73 m) | 750 ft (228 m) |
| 1 Mbps | 300 ft (91 m) | 1000 ft (305 m) |

**Roaming:** 802.11b compliant
**Dimension:**
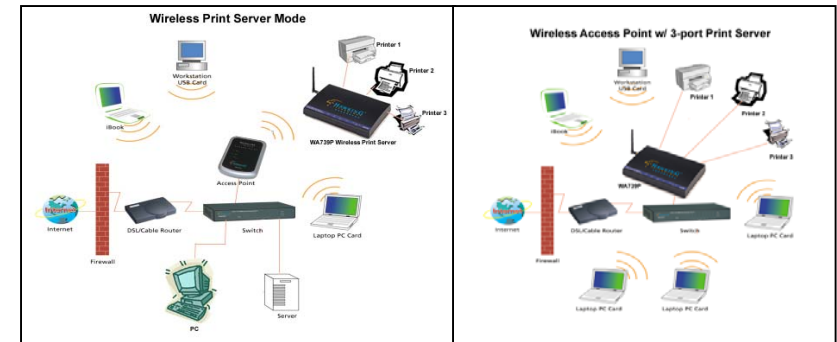6 5/8" L x 4 ¼" W x 1 1/8 H (168L x 108W x 28.5 H mm)
**EMI Conformance**
FCC part 15 Class B, CE Mark Class B
\*The range will vary in different operating environments due to effects such as building construction

| Features | Benefits |
| --- | --- |
| 11Mbps Wireless LAN | Fast, Reliable and Easy Connection |
| IEEE 802.11b Standard | Compatible with Industrial Standard |
| Supports most network operating systems | Setup is quick and simple |

## Wireless Network Diagram:



## Ordering Information:

| | |
| --- | --- |
| WA739P | 11M IEEE802.11b 3-Port Wireless Print Server or Wireless Access Point w/3-Port Print Server |
| WR254S | 11M IEEE802.11b Wireless Router w/4-Port Switch + 1 Serial Back-Up Port |
| WA210 | 11M IEEE802.11b Wireless Access Point |
| WE110P | 11M IEEE802.11b Wireless PC Card |
| WU120 | 11M IEEE802.11b Wireless USB Adapter |
| WP251 | 11M IEEE802.11b Wireless PCI Card |



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