### Features and Specifications

#### Interfaces
- **Parallel (PS-PA100W):** 1 x DB-36-pin male Centronics port, supporting bi-directional communication
- **USB (PS-PU100W):** 1 x USB 2.0 (full speed) compliant port, this port automatically detects the make and model of the USB printer.
- **Wireless LAN:** Complies with IEEE 802.11b standard, supporting Ad-Hoc and Infrastructure modes

#### 802.11B Wireless
- **Standard:** Complies with IEEE 802.11b Direct Sequence Spread Spectrum (DSSS) standard
- **Radio Frequency:** 2.4GHz ISM Band
- **Media Access Control Method:** Carrier Sense Multiple Access / Collision Avoidance (CSMA/CA), with ACK
- **Modulation Types:** CCK (11 & 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps)
- **Operating Channels:** 13 Channels
- **Modes:** Ad-Hoc and Infrastructure (User-definable via Web management interface)
- **Data Transmission Rate:** Up to 11Mbps, with auto-fallback feature to 5.5Mbps, 2Mbps, 1Mbps
- **Output Power:** +13 ~ +17dBm (typical +15dBm)
- **Radio Sensitivity (BER < 8%):** Min. -83dBm for 11Mbps, Min. -86dBm for 5.5Mbps, Min. -88dBm for 1/2Mbps
- **Type of Antenna:** Internal
- **Basic 802.11b Settings:** Mode, SSID, Channel Number, Data Transmit Rates, Site Survey
- **Advanced 802.11b Settings:** Authentication methods (Open System / Shared Key), Beacon Interval, Preamble
- **Typical Operating Ranges:** Indoor: 35 ~ 50M @ 11 Mbps, 80M @ 5.5 Mbps, 120M @ 2 Mbps, 150M @ 1 Mbps
  
  Outdoor (Open space): 250M @ 11 Mbps, 350M @ 5.5 Mbps, 400M @ 2 Mbps, 500M @ 1 Mbps

#### Network Operating System Support
- Windows 95/98/98SE/Me, Windows NT 4.0/2000/XP, Mac OS 8.1 or higher, UNIX/Linux, NetWare (Bindery/NDS)
- Network Protocol Support: TCP/IP, IPX, NetBEUI, AppleTalk, LPR, SMB (over IP)
- Internet Printing Protocol (IPP) Support
- Windows Print Monitor Technology
- DHCP (client) Support
- Management: Web Interface, Windows-based Setup Program
- Software Upgradeable (supports TFTP & Web browser)
- SNMP & HP Web JetAdmin Support

#### Hardware Specification
- **CPU:** ARM7-based RISC microprocessor, operating at 50MHz
- **Flash:** 1Mbyte
- **System Memory:** 2Mb SDRAM
- **Diagnostic DIP Switch**
- **Reset/Load Default Button**
- **Dimensions:** 53 x 64 mm (tolerance: 1 mm)
- **EMI Certifications:** CE / FCC Class B
- **Warranty:** 1 Year