

Instantly add mobile printing capabilities to all of your USB printers

- Enable printing from smartphones and tablets
- Simply connect between your printer and host computer
- Supports a wide range of printers
- Up to 8 mobile devices can simultaneously connect



Powerful Mobile Printing Features

Instantly enable direct wireless and cloud printing from most iPads®, iPhones® and Android phones and tablets to a wide range of popular USB connected printers. The mPrint Module supports AirPrint™, Google Cloud Print, IPP, Bonjour and more.

Mobile devices can also wirelessly connect through the mPrint Modules Hot-Spot Bridge to the Internet.

Previously installed printers continue to work as if connected directly to the computer via Marvell Print Mirror technology.

Any Printer

Virtually any USB printer can be connected to the mPrint Module thanks to its support for most popular printing languages including PCL6, PCL3GUI, Zj, and more.

Connected printers are automatically detected. When an unrecognized printer is discovered an Upgrade Server is alerted. When support for new printer models is added, the mPrint Module dynamically updates itself so that you always have the most recent set of supported printers.

Future Proof

The mPrint Module's flexible architecture allows it to support new mobile print protocols to be supported through dynamic upgrades in the field.

Simple Setup and Use

Installation is easy – simply connect the mPrint Module between your current computer and printer, or just to the printer and the optional power supply.

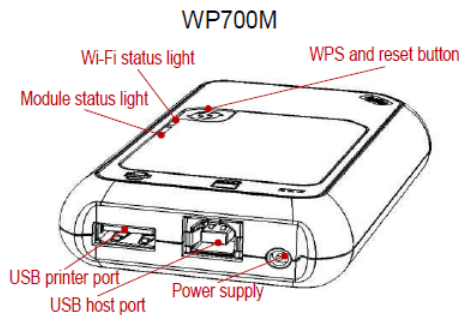
Configure your mobile device quickly with either an NFC tap or Wi-Fi WPS (Wireless Protected Setup).

Additional configuration and management via the mPrint Module's built-in web server.

A simple LED display instantly shows the status of the wireless connection and the module.

An always available upgrade server dynamically installs updates and support for newly added printer models.





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| Regulatory Model Numbers | WP700M |
| Product Numbers | WP700M, ESK46A |
| Connectivity | 802.11b/g/n wireless Ethernet; Hi-Speed USB 2.0; NFC Tag Type-4B |
| Network | |
| Types | 802.11n wireless Ethernet; 802.11g wireless Ethernet; 802.11b wireless Ethernet |
| Operating systems | Microsoft Windows® Server 2003, Server 2008, XP®, XP 64-bit, Vista®, Vista 64-bit, 2003 64-bit, 2008 64-bit; Mac OS X v10.2, v10.3, v10.4, or higher; Novell 5.1 or higher; Red Hat Linux 7.x or higher; SuSE Linux 8.x or higher; HP-UX 10.20, 11.x, 11.i; Solaris 2.5 or higher (SPARC systems only); IBM AIX 3.2.5 or higher 1; MPE-IX; Citrix Presentation Server; Windows Terminal Services |
| Protocols ¹ | IPv4/IPv6: Apple Bonjour® compatible, mDNS, SNMPv1/V2c, HTTP, Port 9100, IPP; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, IGMPv2, BOOTP/DHCP, WINS, AirPrint |
| PLD input support | CUPS Raster, URF |
| PLD output support (to printer) | PCLXL, PCLm, PCL3GUI, ZJS, PCL5 |
| Printers supported | General: all printers that accept listed PLD output; Printer-Personality-Scripts – works best with printers: HP Color LaserJet CP1025; HP LaserJet P1102; Multifunction and All-in-One printers: HP Color LaserJet CM3530MFP; HP LaserJet 100 MFP |
| Security | Port authentication (802.1x): Wireless EAP; Wireless network security: WPA, WPA2 personal authentication; AES, TKIP, WEP (40/64-bit and 104/128-bit) encryption, RSA 2048 |
| Browsers supported | Microsoft Internet Explorer 6.0 and higher; Mozilla 2.x and higher; Firefox 2.x and higher; Safari; Chrome |
| Memory | Standard: 128 MB, Flash: 128 MB |
| Dimensions (w x d x h) | |
| WP700M | 62 x 104 x 25 mm (2.4 x 4.1 x 1.0 in) |
| RSVLD-1302 | 68 x 111 x 27 mm (2.7 x 4.4 x 1.1 in) |
| Weight | |
| WP700M | 65 g (0.14 lb) |
| RSVLD-1302 | 70 g (0.15 lb) |

Environmental Ranges

| | |
|-------------------------------|-----------------------------|
| Recommended temperature | 0 to 40° C (32 to 104° F) |
| Storage temperature | -20 to 75° C (-4 to 167° F) |
| Recommended relative humidity | 20 to 85% |
| Storage relative humidity | 5 to 90% |

Power Specifications

| | |
|--------------------------------|--------------------------|
| Required input voltage | 100 to 240 VAC, 50/60 Hz |
| Power consumption ² | 5 watts maximum |

Certifications

| | |
|-----------------------------|---|
| Safety | EU (Low Voltage Directive 73/23/EEC), IEC 60950: 1999 third edition /EN 60950: 2000 |
| EMC | EU (EMC Directive) 89/336/EEC (EN 55022: 2010, EN 55024: 2010 EN61000-3-2+A1 2009+A2: 2009, EN 61000-3-3: + 2008), US (FCC Title 47 CFR Part 15 Class B), Canada (ICES-003 Issue 4: 2004) |
| Wireless Telecommunications | EU (R&TTE Directive 1999/5/EC, EN 301, EN 301 489-17, EN 300 328, USA (FCC 15.247), Canada RSS-210 |

¹ Not all protocol and operating system combinations are supported.

² Values subject to change. Power numbers are the highest values measured using all standard voltages.

Regulatory Statements

Regulatory Model Identification Number

For regulatory identification purposes, this product is assigned a Regulatory Model Number. The Regulatory Model Number for this product is WP700M. The regulatory number should not be confused the Marvell marketing model number (the Marvell® mPrint Module), or the Marvell product number.

FCC Statement

The United States Federal Communications Commission (in 47 CFR 15.105) has specified that the following notice be brought to the attention of users of this product.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient the receiving antenna.
2. Increase the separation between the equipment and the receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help. For further information, contact:

(650) 857-1501 Modifications (part 15.21)

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by Marvell may void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Exposure to radio frequency radiation

CAUTION: The radiated output power of this device is far below the FCC radio frequency exposure limits. Nevertheless, the device shall be used in such a manner that the potential for human contact during normal operation is minimized. This product and any attached external antenna, if supported, shall be placed in such a manner to minimize the potential for human contact during normal operation. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20 cm (8 inches) during normal operation.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter. For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

Notice to users in Canada

Notice to users in Canada/Note à l'attention des utilisateurs canadiens

For Indoor Use. This digital apparatus does not exceed the Class B limits for radio noise emissions from the digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications. The internal wireless radio complies with RSS 210, RSS GEN, and RSS-102 of Industry Canada.

This Class B digital apparatus complies with Canadian ICES -003.

Utiliser à l'intérieur. Le présent appareil numérique n'émet pas de bruit radioélectrique dépassant les limites applicables aux appareils numériques de la classe B prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada. Le composant RF interne est conforme à la norme RSS-210, RSS GEN, et RSS-102 d'Industrie Canada.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Canada Exposure

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and personnel.

Cet équipement respecte les limites d'exposition aux radiofréquences canadiennes applicables dans un environnement non contrôlé. Cet équipement doit être installé et fonctionner à une distance minimale de 20 cm entre le radiateur et votre corps.

Co-located

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Digital apparatus (ICES003)

CAN ICES-3 (B)/NMB-3(B)

Country Code Setting Disable

The Country Code Selection feature is disabled for products marketed in the US/Canada

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Notice to users in Brazil

Aviso aos usuários no Brasil Este equipamento opera em caráter secundário, isto é, não tem direito à proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

European Union Regulatory Notice

Products bearing the CE marking comply with the following EU Directives:

- Low Voltage Directive 2006/95/EC
- EMC Directive 2004/108/EC
- Ecodesign Directive 2009/125/EC, where applicable

CE compliance of this product is valid only if powered with the correct CE-marked AC adapter provided by Marvell. If this product has telecommunications functionality, it also complies with the essential requirements of the following EU Directive: R&TTE Directive 1999/5/EC Compliance with these directives implies conformity to applicable harmonized European standards



For non-telecommunications products and for EU harmonized telecommunications products, such as Bluetooth® within power class below 10mW.



For EU non-harmonized telecommunications products (If applicable, a 4-digit notified body number is inserted between CE and !).



Please refer to the regulatory label provided on the product. The telecommunications functionality of this product may be used in the following EU and EFTA countries: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, and United Kingdom. The telephone connector (not available for all products) is intended for connection to analogue telephone networks.

Products with wireless LAN devices

Some countries may have specific obligations or special requirements about the operation of Wireless LAN networks such as indoor use only or restrictions of the channels available. Please make sure that the country settings of the wireless network are correct.

France

For 2.4-GHz Wireless LAN operation of this product, certain restrictions apply: This product may be used indoors for the entire 2400-MHz to 2483.5-MHz frequency band (channels 1 to 13).

Notice to users in Indonesia

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This is a placeholder. Number will change once certification is received