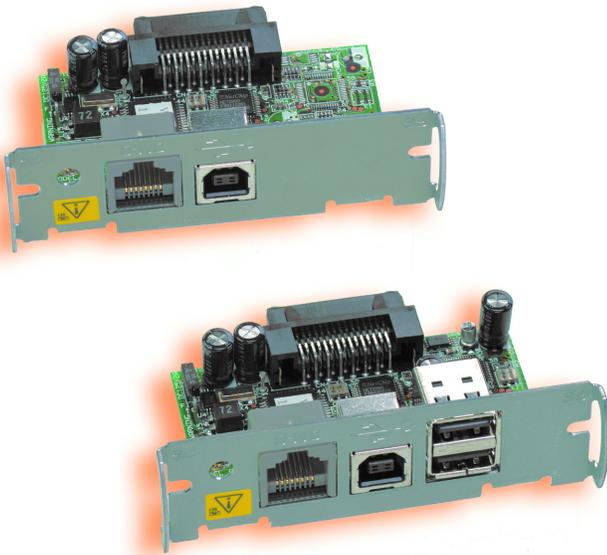


EPSON

Universal Serial Bus Modules



When increased port capacity and speed count, depend on EPSON's USB Connect-It™ module for an outstanding yet simple solution.

The innovative USB Connect-It module offers all the benefits of USB technology to EPSON's POS printers. Harnessing this technology, EPSON can increase port capacity to 127 peripheral devices connected from a single USB controller, increase communication speed to 12 Mbps (megabits per second) and add the ability to hot plug the printer to the host.

Choose from two different models: one for a single USB connection or one for a USB connection with a two port hub that will enable you to continue to connect devices downstream.

- Significantly increases communication speed
- Enables up to 127 devices to be connected from one controller
- Easily installs with no port conflicts and no DIP switch changes
- Reduces printer maintenance cost
- Increases quality and reliability

More devices, more possibilities

This USB module makes it possible for you to attach a printer, scanner, card reader, keyboard, monitor and more (up to 127 peripheral devices) from a single controller.

Easy connections

Connect up to 127 devices to one port off of your host and avoid IRQ conflicts or wasting time setting DIP switches. If you need to hot plug the printer—go ahead, just another advantage of using USB technology.

Faster communications

From the host to the printer, information can be exchanged at a blazing 12 Mbps. Compare that to serial at 14.4 KB per second or standard parallel at 115 KB per second and you can easily see why your data will seem to travel at lightning speed.

Get ready for the future with EPSON

An investment in EPSON technology is a wise investment in your future point-of-sale solution. Today, EPSON printers with Connect-It interfaces will significantly improve printing performance. And tomorrow, by simply replacing the modular interface, EPSON printers will be ready to move to your next POS terminal when you are. Designed to support the leading industry standards, your EPSON printers will continue to deliver a high quality, reliable and cost-effective migration path to your future POS system.

Increase reliability and lower maintenance costs

When you choose EPSON printers with Connect-It technology, you've chosen POS products designed to meet the highest quality and reliability standards in the industry. EPSON printers are packed with superior design features, from added durability, easy access and extended life, to lower consumables and maintenance costs.

EPSON Universal Serial Bus Modules

There are two different USB boards to meet your needs

| | |
|-----------------|----------------------------------------------------------------------------------------------------|
| UB-U01II | Includes one upstream connection, a USB hub that has two downstream connections and a DM connector |
| UB-U02II | Includes one upstream connection and a DM connector |

UB-U01II and UB-U02II Specifications

| | |
|--------------------------|---------------------------------------------------------------------------------------------|
| Speed | 12 Mbps |
| Power | Self-powered function device |
| Bus Current | 0 mA |
| Connector | USB Upstream port connector (USB Type-B connector) |
| DM Port Connector | (8-pin modular connector) |
| EMI Standards | FCC Class A, CE Marking, VCCI Class A, AS/NZS 3548 Class B |
| Operating System | Windows® 98 Second Edition |
| Drivers | WDM USB Driver, USB Port Monitor, OPOS Driver for USB |
| Cabling | Standard USB cables can be extended to 3 meters {9 ft. 10 in.} as per the USB specification |
| DM Port* | |
| Type | RS-232 |
| Speed | 19200 bps |
| Power distribution | DC24 V, less than 350 mA |

* Be sure to use the DM connector on the USB module and use an EPSON DM-D series display.

Inch values are approximate.

To find out more about our line of Connect-It Interfaces talk to your EPSON Sales Representative.

The following specifications apply to the UB-U01II module, in addition to the specifications listed to the left

Hub Specifications

| | |
|------------------------------|---------------------------------------------------------------|
| Power | Bus-powered HUB device |
| Power distribution | 100 mA per each downstream port |
| Number of downstream ports | 2 ports |
| Hub controller current | 100 mA |
| Attachment of other USB hubs | Only self-powered hubs may be connected to the USB module |
| Connector | USB Downstream port connector (USB Type-A connector, 2 ports) |

Specifications are subject to change without notice.



Conforms to OLE POS specifications.