Epson

Powered USB

Module

With both power and data channeled through a single cable, Epson's Powered USB Connect-It™ interface cuts your costs and your clutter.

Now you can supply your Epson printers and other POS peripherals with the increased power they require with Powered USB, the most simple, clean, cost-effective connection technology since USB itself.
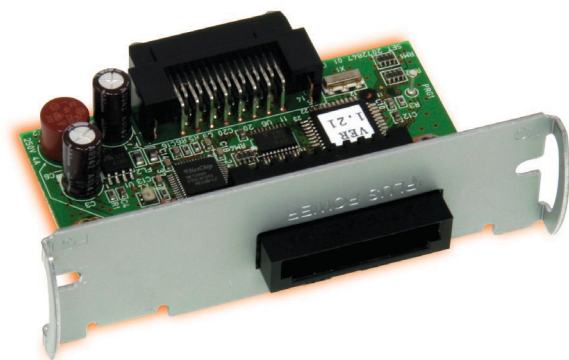
- Single, streamlined cable supplies both power and data to reduce hardware costs and clutter
- Connects up to 127 devices from one host controller
- Easy to install without port conflicts or DIP switch changes
- Fast and easy installation into Epson POS printers

Pumped up USB power

Powered USB, the new standard in USB technology, brings the promise of true "plug and play" connectivity to the retail environment. Using a single cable connection, Powered USB supplies standard USB communication signals and all the power needed to connect up to 127 peripheral devices from a single host controller. By eliminating the need for multiple cables and external power supplies, Powered USB reduces overall hardware costs and provides a more elegant and stable connectivity solution.

Overcome USB limitations

A standard USB module provides up to 500mA of +5V power, enough to support basic PC peripherals such as a mouse and keyboard. When additional peripherals are added, standard USB power is insufficient, requiring you to add an external power supply. Powered USB overcomes this limitation by increasing individual port power. Epson's Powered USB

Connect-It Module takes advantage of your POS system's +24V Powered USB port to drive your Epson printer.

Get the fastest connection going

From the host to the printer, Powered USB transfers information at speeds up to 12 Mbps and it integrates a host locking cable mechanism to prevent accidental disconnection. Compared to a serial connection at just 14.4 KB per second or standard parallel at 115 KB per second, Powered USB's ultra-fast data transfer speed makes it today's most competitive choice.

Epson quality and reliability

Epson's Connect-It interface family includes a full range of connectivity options designed to increase the speed and performance of current and legacy systems. Our powered USB Connect-It interface is built upon industry standard technology to work seamless with Epson POS printers. You can depend on Epson to deliver the innovative POS technology you need today and in the future.

EPSON®

EXCEED YOUR VISION

Epson Powered USB Module

Module Specifications

USB Specifiations

		USB Specification 1.1
	Speed	USB full-speed mode 12 Mbps (bps: bits per second)
	Type	USB bulk transfers
	Power	USB self-powered function device
	Bus current (+5V)	0 mA (All power is supplied from the TM series printer)
	USB packet size	USB bulk OUT (TM) 8 bytes
		USB bulk IN (TM) 64 bytes
	Max Cable length	3.8m (12.5 feet or shorter)

Power Supply Specifications

	Rated voltage for +5 V line	Conforms to the USB standard
	Rated voltage for +24 V line	24 VDC ±5%
	Current consumption for +24 V line	Depends on the TM printer into which the Connect-It is installed.

The Powered USB module can be installed in an Epson printer in less than a minute with no special tools.

The Powered USB module provides clean cable management, using only one cable for both power and data.

EPSON®

SD-DSPUSBB