

## EPSON Ethernet II Connect-It™ Module Installation

The Ethernet Module works with the following EPSON printers: TM-U200, TM-U590, TM-T88/T88II, TM-H5000/H5000II, TM-U325, TM-U675, and TM-H6000. Default communication parameters are: **9600 baud, 8 bits, 1 stop, no parity, and 4K buffer.**

### Installation Steps

1. Disconnect power and other cables from the EPSON printer, and remove the printer DIP switch cover plate.
2. Remove the existing interface board from the printer by unscrewing 2 screws.
3. Properly align and push the new module into the printer. Fasten the two mounting screws through the faceplate of the new interface.
4. Attach the serial communication (null modem) cable from the host computer to the printer.

### DIP SWITCH SETTINGS FOR EPSON PRINTERS

TM-U200 printer (all models)

Switch Bank 1			
Switch	Function	Models A, AM, and B	Model D
ALL		OFF	
Switch Bank 2			
Switch	Function	Models A, AM, and B	Model D
2-1	Characters per line	OFF	OFF
2-2	Autocutter	ON	OFF
2-3	Synchronization/pin 6 reset	OFF	OFF
2-4	Undefined/pin 25 reset	OFF	OFF
2-5	Semi-autoloading	OFF	OFF
2-6	Flash	OFF	OFF
2-7	Synchronization/pin 6 reset	OFF	OFF
2-8	Undefined/pin 25 reset	OFF	OFF

TM-T88/T88II, TM-H5000/H5000II, TM-U325, TM-U675, TM-H6000

Switch Bank 1		
1-1	Data Receive Error	ON – Ignored
1-2	Receive Buffer	OFF – 4KB (1KB, TM-U675)
1-3	Handshaking	OFF – DTR/DSR
1-4	Word Length	OFF – 8 bits
1-5	Parity Check	OFF – Disabled
1-7	Baud Rate	ON – 9600    OFF (H6000)
1-8	Baud Rate	OFF – 9600    ON (H6000)
Switch Bank 2		
ALL		OFF

5. Set DIP switches as necessary; then attach the access cover.
6. Connect the power cable to the printer and apply power.
7. Run a configuration report. This shows that the printer, module, and firmware are all installed and operating correctly and shows how the communication parameters are set.

### Running a Configuration Report

#### For the EPSON TM-U200 printer

After the printer is powered on and feeds one line, press the FEED button 3 times.

#### For all other printers

Power on the printer, open the paper cover, press the FEED button, and close the paper cover.

### Configuring the Interface

Each EEI module has a 'Base' Ethernet Address programmed into the Flash ROM. A unique Ethernet Address and Serial Number are programmed into the Flash ROM at the factory, and cannot be changed. Labels with both the IP address and serial number are affixed to the module. These numbers are important when configuring the EEI - It is advisable to make a note of these values in a secure place. The IP address can be reassigned via DHCP, BOOTP, or ARP/Ping. **Configuration of this module should only be attempted by a qualified network administrator.**

### High Level Configuration

*Option 1:* Using a web browser, type the default IP address (found on a label on the interface card) into the address field of your. The configuration screen should appear. The default password for the interface is Epson. We highly recommend this be changed. Once the web interface is running, all application, network, printer and password settings can be modified.

*Option 2:* Use the supplied printer discovery program, EEI Configuration Program. Insert the floppy disk into the drive and run x:\eeiutil.exe (where x is the drive letter of your 3.5" floppy drive). The program will discover all Epson Ethernet printers on your network and allow you to reconfigure them.

**Important:** If you are assigning a permanent IP address to the Epson printer, it is advised that dip switch 8 on the interface module be switched to off once the address has been set.