

Replacing the Interface Board

Federal Communications Commission Radio Frequency Interference Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

For compliance with the Federal Noise Interference Standard, this equipment requires a shielded cable.

This statement will be applied only for the printers marketed in U.S.A.

Statement of The Canadian Department of Communications Radio Interference Regulations

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe A prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

The above statement applies only to printers marketed in Canada.

This optional board is an interface for the TCP300 series card reader/writer. Replace it using the following procedures.

Interface Board	Applicable card reader/writer
IFBD-HE03 TCP3 Ethernet	TCP300 Series

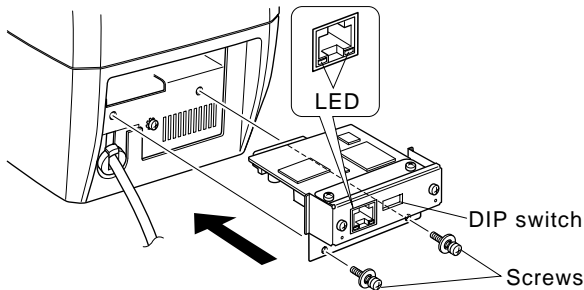
Replacement

1. Replacing the interface board

- ① Turn off the card reader/writer power and unplug the power cord.
- ② Remove the two screws.
- ③ Pull out the interface board mounted on the card reader/writer to remove it.
- ④ Insert the new interface board into the card reader/writer.

Note: Press in firmly to ensure a good connection between the card reader/writer connector and the interface board.

- ⑤ Fasten the interface board by tightening the two screws.



- ⑥ After connecting the interface board, run a test print before connecting the Ethernet cable. If the connection is good, NIC REPORT will be printed.

< Test print >

Turn on the power to the card reader/writer while pressing the cleaning switch. The buzzer will ring and the green LED will flash. Press the cleaning switch again. The orange LED will flash and a test print will occur.

In the test print, the device waits for a card to be inserted, then writes test data to the magnetic stripe after the card is inserted. The results of the test data print the internal EEPROM setting status and the device version onto two cards, and then discharge the cards.

On LAN models, NIC REPORT plus the normal test print is printed to two cards. When performing a test print, magnetic data for the test is written to the card. Use a card whose magnetic stripe can be overwritten without causing a problem. (Use a card that is right for the print settings on the card reader/writer.)

2. Dip Switch Settings

Change DIP Switch 2 to on to initialize the setting information when the power is turned on. Change DIP Switch 4 to ON to use the STAR recommended OCX driver. DIP Switches 1 to 4 are all OFF at the factory.

DIP Switch	ON	OFF
1		Fixed at OFF
2	Initialize of setting information	—
3		Fixed at OFF
4	Multi-session	Single-session

3. LED Display

Green LED : Lights when connection is verified to be 10BASE-T.

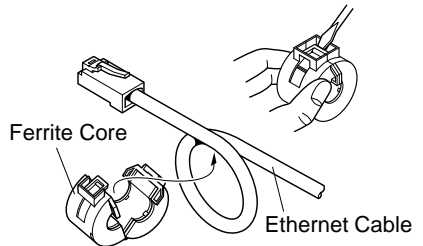
Orange LED : Lights when packet are received.

4. Connecting the Ethernet Cable

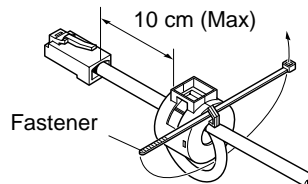
An Ethernet cable is not an accessory. Purchase one that meets the specifications of this apparatus. Use the following steps to attach a ferrite core to the cable to prevent interference from electrical waves.

① Check that the reader/writer is turned off.

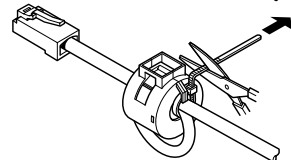
② Attach the ferrite core to the Ethernet cable as shown in the figure.



③ Pass the fastener through the ferrite core.



④ Wrap the fastener around the Ethernet cable once and fasten it. Cut off the excess part of the fastener with a scissors.



⑤ Insert the Ethernet cable into the connector on the interface board. Then, connect the other end of the Ethernet cable to the connector for that cable on the computer.

