

## TCP300II Setting Card

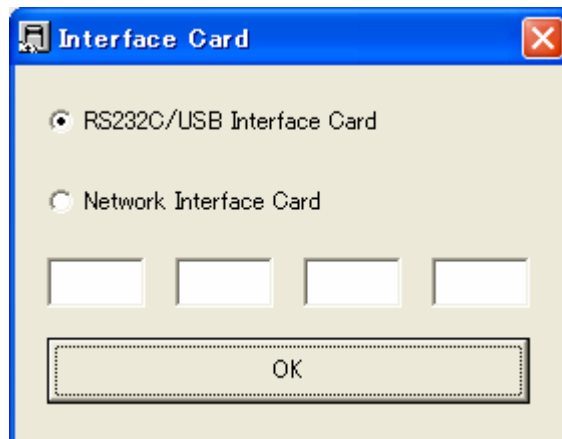
### 1. TCP300II Setting Card

Version: 1.30

Supported OS : Windows98, ME, NT, 2000, XP for RS-232C connection.  
Windows98SE, ME, 2000, XP for USB connection.

Purpose : Create setting cards which can specify various of setting for example, card material, print margin, print direction default setting, USB port serial number (only for USB connection) etc.

Installation : Click "Setup.exe" in the same folder.  
(OCX driver is needed to install previously)  
After installation was completed, double click "Setting Card.exe", interface card selection menu will pop up as below. If you use RS232C or USB interface card, just click "OK" button. If you use LAN interface card, select "Network Interface Card" and input IP address and click "OK" button.



When you click "OK" button, setting menu will pop up as below.

While it detects connection ports and baud rate of TCP300II which is connected to PC, it may take several minutes.

If wrong device is connected, warning message box will pop up and exit this application.

If TCP300II has set wrong parameter, this application will ask you the continuous operation after initialization or exit this application.

Setting items :

Card Material :

Default parameter : RICOH FB661-M (SilverV2) 60mm/s

Select card material for example, Silver, Leuco, thermal rewritable etc.

For more information of card type and setting, please contact sales person when you create cards.

Auto Off :

Default parameter : 3 min. heat holding

Selection of time to hold delete head temperature. To hold delete head temperature, TCP300II can delete print contents immediately (can not wait to achieve enough temperature to delete). It is not possible to go if not waiting up to the deletion temperature until rising in temperature after set time passes.

Warning taking out :

Default parameter : No Warning

Change setting of warning with LED and buzzer on or off when card was ejected and was not taken off.

Warning Cleaning :

Default parameter : 300 times

Specify interval of mechanism cleaning. After specified time of printing and erasing past, cleaning indicator will be blinking and notify users to clean mechanism.

<u>Printing Direction :</u>	<p>Default parameter : Vertical (Portrait)</p> <p>Specify default printing direction when you don't specify printing direction parameter for every process.</p>
<u>Printing start position :</u>	<p>Default parameter : 14mm</p> <p>Specify top margin as portrait. Normally we recommend 14mm except for unique design. (Please remember that +2mm margin is needed for rewrite area, for example, if you set 10mm for top margin, rewrite area is 8mm.)</p>
<u>Printing Width :</u>	<p>Default parameter : 60byte</p> <p>Specify erasing width from start printing point. Normally we recommend 60byte.</p>
<u>Print Energy Offset :</u>	<p>Default parameter : 0</p> <p>Set Print Energy Offset value.</p> <p>Depending on card material, operating conditions, (temperature etc..) print result will be different.</p> <p>Note: High Print Energy Setting will make card rewrite life shorten.</p>
<u>Erase Energy Offset :</u>	<p>Default parameter : 0</p> <p>Set Erase Energy Offset value.</p> <p>Depending on card material, operating conditions, (temperature etc..) erase result will be different.</p> <p>Note: High Erase Energy Setting will make card rewrite life shorten.</p>
<u>USB S/N :</u>	<p>When you use TCP300II with USB connection, in order to prevent from changing of port number because of COM port mobility, it is needed to specify USB serial number for recognition. USB serial number will be valid after TCP300II switch on.</p>

## How to change Rank settings and Setting Card

**TCP300II SettingCard issuing Ver1.30**

Card Title: SettingCard Level1 for TCP3II v2.20.00

☒ **Card Material**

- 00 RICOH FB661-M (SilverV2) 60mm/s
- 01 RICOH FB661-M+ (SilverV2+) 60mm/s
- 02 RICOH FB661-M- (SilverV2-) 60mm/s
- 03 RICOH FB661-M (SilverV2) 30mm/s

☐ **Character Code**

- GB2312
- BIG5
- Korean
- Codepage858

☐ **Warning taking out**

- No warning
- Buzzer
- LED
- Buzzer & LED

☐ **Auto Off**

- No heat holding
- 1 min. heat holding
- 3 min. heat holding

☒ **Warning cleaning**

- 100 times
- 200 times
- 300 times
- 100 times with buzzer

☐ **Print Energy Offset**

0

☐ **Erase Energy Offset**

0

☐ **Printing Direction**

- ☒ Portrait
- ☐ Landscape

☐ **Printing start position**

14 mm

☐ **Printing Width**

60 byte ( 58.0 mm )

☐ **USB S/N**

1

**Buttons:** Rank Setting, Rank Reading, Making Setting Card, Reading Setting Card, Reset, End

### Rank Setting

To set configurations which selected on the screen (highlighted settings), use this button.

Application send those settings into TCP300II, and the status should be shown on the upper right part on the application with red characters. After TCP300II will reset, it means finish to write "Rank setting".

### Rank Reading

Check TCP300II configurations. Existing settings will be shown on the application with highlighted.

### Making Setting Card

Making setting card, only highlighted items are effective.

Click this button, , and the "Writing MG Stripe" displays on the upper right part, then insert card.

Please note that use correct card for TCP300II setting.

Then TCP300II configurations stores into "Setting Card", and print out those configurations.

### Reading Setting Card

Reading setting card contents.

Click this button, and "Reading Setting Card" displays on the upper right part, then insert card.

TCP300II read setting card contents and send those information to the application. You can check the setting configuration using this function.

**Reset**

Reset TCP300II.

**End**

End this application

How to use "Setting Card" (set TCP300II configuration with Setting Card)

- 1) Power on pressing cleaning switch until beep buzzer.
- 2) STATUS LED is blinking with green, insert setting card.
- 3) If the contents of a card are checked and the last line has the printing "COMPLETE", it will be said that the TCP300II setting using the setting card was successful.

In case of that push cleaning switch while STATUS LED is blinking, STATUS LED blinks with orange, and TCP300II goes to self print mode and insert card, setting card contents will change to TCP300II existing settings, and you have to remake setting card.

**Note:** This application may not work correctly with some PCs.

Please use correct material card.

Setting card available with TCP300II, Mag. Track 1 supported model.