

	Subject		version	1.0
			Shin Gi Chang	

# ***Ethernet Interface Card***

Written by G.C. Shin

## **1. Specification**

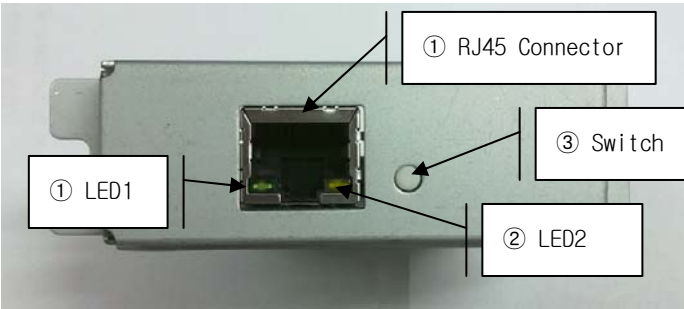
- 10/100Mbps TX
- Full-duplex or half-duplex
- Fully compliant with IEEE 802.3/802.3u
- Supports IEEE 802.3u auto-negotiation
- IEEE 802.3-2002 for Ethernet MAC
- IEEE 802.3-compliant MII interface to communicate with an external Fast Ethernet PHY
- 3.3V/5V operation
- Dip switch for Baudrate setting

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2. Surface



Picture 1. 40pin connector 3.3V (for LK-T210)



Picture 2. Interface card – Back side



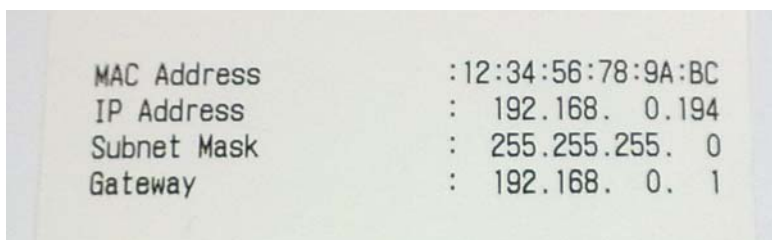
Picture 2. 30pin connector 5V (for LK-T11, LK-T20, LK-T21)

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- ① LED1: Active when linked in 100Base-TX and blinking when transmitting or receiving data
- ② LED2: Active when linked
- ③ DIP switch for Baudrate setting – Please set the Dip switch as follows for your printer

SW1	SW2	SW3	Baudrate	Remark
OFF	OFF	ON	115200	LK-T210
ON	ON	OFF	230400	LK-T21

- ④ Switch action 1: If you press the switch of the back side of the Interface card, the existing IP date is sent to the printer and printer will print out the received IP data as follows.



MAC Address	: 12:34:56:78:9A:BC
IP Address	: 192.168. 0.194
Subnet Mask	: 255.255.255. 0
Gateway	: 192.168. 0. 1

**Picture 3. IP data printing**

- ⑤ Switch action 2: If you press the switch of the back side of the Interface card for more than 5sec, the IP address is going back to the factory setting. The factory setting value is as follows.

**IP Address: 192.168.0.192**

**Subnet Mask: 255.255.255.0**

**Gateway: 192.168.0.1**