

# YJ-310T



## **1 .**

1-1.

1-2.

## **2 .**

2-1.

2-2.

2-3.

2-4.

2-5.

## **3 .**

3-1.

3-2. Serial/

3-3. USB (Option)

3-4.

## **4 .**

## **5 .**

5-1.

5-2. EPSON TM-T88II

5-3. CITIZEN iDP-3540

1 .

2

THERMAL MINI PRINTER

가

, POS THERMAL 가

1-1.

- PANEL
- 가
- 
- 가 가
- 
- 가
- 가
- COLUMNS 가
- .(SELF TEST)
- 
- 

1-2.

- 
- INDICATOR
- 
- 
- POS SYSTEM
- 

2-1.

	PANEL TYPE
	THERMAL
COLUMNS	24/32/36/42COL
	36/42COL : 9x24, : 18x24 24/32COL : 12x24, : 24x24
	, / ,
DOT DENSITY	200 DPI(8dot/mm)
TOTAL DOT	384 dots/line
	60mm/sec
	57mm(W) x 40 ( )
	48.0mm
	16Kbyte
	USB 2.0 (OPTION)
	RS-232C SERIAL (BAUDRATE : 2400/9600/19200/115200bps )
*	+5 ~ 7.8 VDC 3A ~ 2.5A ( +12 ~ 24V OPTION)
	5 ~ 45 (Operation) -10 ~ 60 (Storage)
*	: 6,000,000 Lines : 50Km, 100 million pulse MCBF(Mean Cycle Between failure) : 15,000,000 Lines
(mm)	77.5 (W) x 51 (D) x 81 (H)

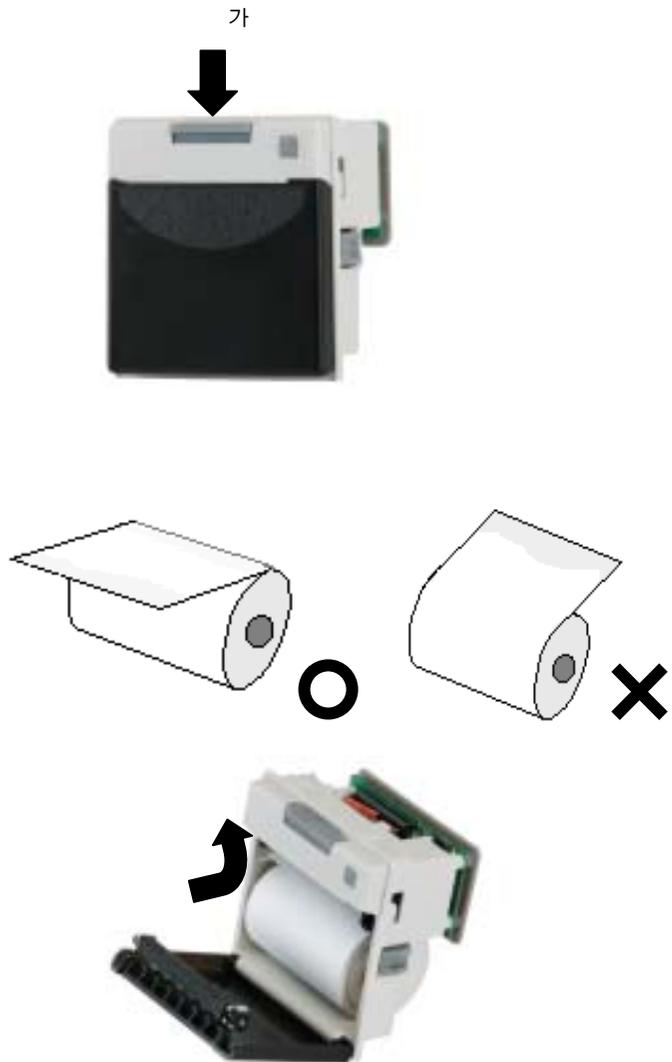


- +12V ~ 24V

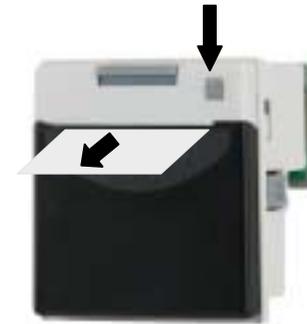
Option Board

- 가

2-2.



가 LED가 ON  
FEED



2-3.

LED	ON LINE ● ON LINE ( 가 ) LED가 ON ● OFF OFF 가 ● LED가
FEED	



2-4.

가  
Jumper

FEED  
가  
가

2

2-5

가

FEED  
가

2

가 FEED 가  
2 \*\*\*[ HEX DUMP PRINT START ]\*\*\*가

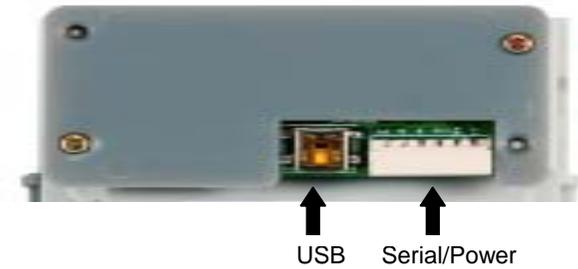
FEED

OFF

3 .

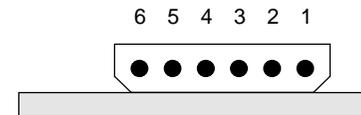
3-1.

- / , USB 가

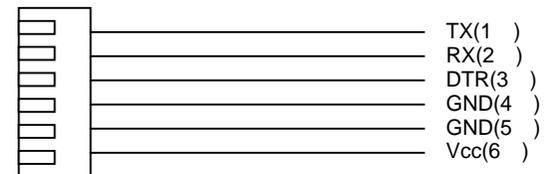


3-2. Serial/

- 1) Serial Connector : MOLEX 5268 – 06



- 2) Interface Connection Cable



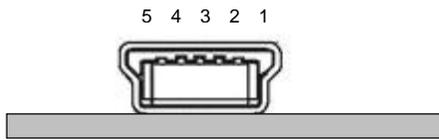
3) Interface Connector

Pin No			
1	TXD		
2	RXD		
3	DTR		<ul style="list-style-type: none"> <li>가</li> <li>●DTR/DSR 가 SPACE, MARK</li> <li>● MARK 가 가</li> </ul>
4,5	GND	-	Signal Ground
6	Vcc	-	+5V ~ 7.8V(+12V ~ +24V : Option)

- +12V ~ 24V Option Board

3-3.USB (Option)

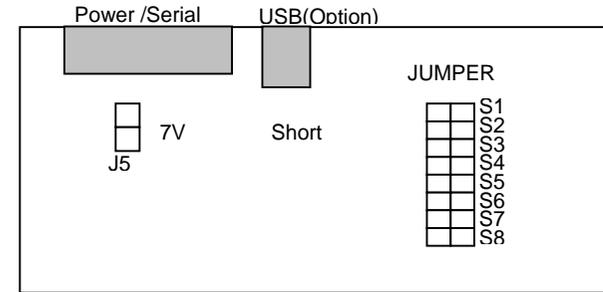
- USB Connector : Mini B



Pin No			
1	Vcc		USB HOST 5V
2	D -		-
3	D +		+
4	-	-	N.U.
5	GND	-	Signal Ground

3-4.

1) Jumper



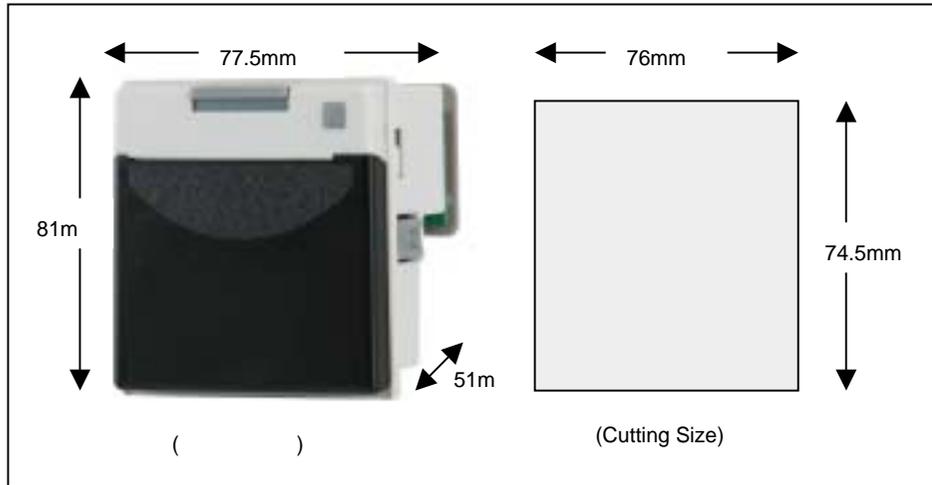
- NOTE : 7V J5 Short

2) Jumper

Jumper No.		Define
S1	S2	
Open	Open	9600bps *
Short	Open	19200bps
Open	Short	115200bps
Short	Short	2400bps
S3		
Open		*
Short		
S4		
Open		EPSON *
Short		CITIZEN
S5	S6	
Open	Open	32Columns *
Short	Open	42Columns
Open	Short	24Columns
Short	Short	36Columns
S7		S8
Open	Open	None Parity *
Short	Open	Odd Parity
Short	Short	Even Parity

\* Default

4 .



가 Cutting Size

5 .

5-1.

	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	SP	0	@	P	'	p	Ç	È	á		ˆ	ˆ	α	=
1	!	1	A	Q	a	q	ü	æ	i		ˆ	ˆ	β	±
2	"	2	B	R	b	r	é	Æ	ó		ˆ	ˆ	Γ	≥
3	£	3	C	S	c	s	â	ô	ú		†	ˆ	π	≤
4	\$	4	D	T	d	t	ä	ö	ñ	†	-	ˆ	Σ	f
5	%	5	E	U	e	u	à	ò	Ñ	†	†	ˆ	o	J
6	&	6	F	V	f	v	á	ú	*	†	†	ˆ	μ	±
7	'	7	G	W	g	w	ç	û	"	†	†	†	τ	≈
8	(	8	H	X	h	x	è	ý	¿	†	†	†	φ	-
9	)	9	I	Y	i	y	ë	Ö	Γ	†	†	†	θ	·
A	*	:	J	Z	j	z	è	Ü	↵		ˆ	ˆ	Q	·
B	+	:	K	[	k	(	i	ç	ˆ	ˆ	ˆ	ˆ	δ	γ
C	.	<	L	\	l		i	£	ˆ	ˆ	ˆ	ˆ	=	"
D	-	=	M	]	m	)	i	¥	i	ˆ	-	ˆ	θ	²
E	.	>	N	^	n	~	À	Pt	w	ˆ	ˆ	ˆ	c	■
F	/	?	O	_	o	SP	À	f	*	ˆ	ˆ	ˆ	n	

	23h	24h	40h	5Bh	5Ch	5Dh	5Eh	60h	7Bh	7Ch	7Dh	7Eh
U.S.A.	#	\$	@	[	\	]	^	ˆ	(		)	-
FRANCE	#	\$	à	'	ç	§	^	ˆ	é	ù	è	"
GERMANY	#	\$	§	ä	ö	ü	^	ˆ	ä	ö	ü	ß
U.K.	#	\$	@	[	\	]	^	ˆ	(		)	-
DENMARK I	#	\$	@	Æ	ø	Å	^	ˆ	æ	ø	å	~
SWEDEN	#	¤	É	ä	ö	Å	Ü	é	ä	ö	å	ü
ITALY	#	\$	@	'	\	é	^	ˆ	à	ò	è	i
SPAIN	Pt	\$	@	i	ñ	¿	^	ˆ	*	n	}	~
JAPAN	#	\$	@	[	¥	]	^	ˆ	(		)	~
NORWAY	#	¤	É	Æ	ø	Å	Ü	é	æ	ø	å	ü
DENMARK II	#	\$	É	Æ	ø	Å	Ü	é	æ	ø	å	ü
KOREA	#	\$	@	[	₩	]	^	ˆ	(		)	~

5-2. EPSON TM-T88II

		HEX
	HT	0x09
	LF	0x0A
	CR	0x0D
	ESC BEL	0x1B 0x07
	ESC SP n	0x1B 0x20 n
	ESC ! n	0x1B 0x21 n
	ESC \$ nl nh	0x1B 0x24 nl nh
/	ESC % n	0x1B 0x25 n
	ESC & y c1 cw [...]	0x1B 0x26 y c1 cw [...]
	ESC * m nl nh d1...dk	0x1B 0x2A m nl nh d1..
/	ESC - n	0x1B 0x2D n
1/8	ESC 0	0x1B 0x30
1/6	ESC 2	0x1B 0x32
	ESC 3 n	0x1B 0x33 n
	ESC = n	0x1B 0x3D n
	ESC ? n	0x1B 0x3F n
	ESC @	0x1B 0x40
	ESC D n1...nk NUL	0x1B 0x44 n1...nk NUL
	ESC E n	0x1B 0x45 n
- /	ESC G n	0x1B 0x47 n
	ESC M n	0x1B 0x4D n
	ESC R n	0x1B 0x52 n
90 /	ESC V n	0x1B 0x56 n
	ESC \ nl nh	0x1B 0x5C nl nh
	ESC c 5 n	0x1B 0x63 0x35 n
n	ESC d n	0x1B 0x64 n
	ESC h n	0x1B 0x68 n
	ESC t n	0x1B 0x74 n
/	ESC { n	0x1B 0x7B n
	GS ! n	0x1D 0x21 n
	GS * x y d1...d(x*y*8)	0x1D0x2Axyd1...d(x*y*8)
	GS / m	0x1D 0x2F m
ID	GS I n	0x1D 0x49 n
	GS L nl nh	0x1D 0x4C nl nh
	GS W nl nh	0x1D 0x57 nl nh
	GS g n	0x1D 0x67 n

		HEX
	GS h n	0x1D 0x68 n
	GS k m d1...dk NUL GS k m n d1...dn	0x1D 0x6B m d1...dk NUL 0x1D 0x6B m n d1...dn
가	GS v 0 m xl xh yl yh d1...dk	0x1D 0x76 0x30 m xl xh yl yh d1...dk
	GS w n	0x1D 0x77 n

5-3. CITIZEN iDP-3540

		HEX
	LF	0x0A
	CR	0x0D
n	FF n	0x0C n
가	SO	0x0E
가	SI	0x0F
가	DC4	0x14
	ESC BEL	0x1B 0x07
Clear	CAN	0x18
	DC1	0x11
	DC2	0x12
/	ESC R n	0x1B 0x52 n
	ESC * n1 n2 d1...dk	0x1B 0x2A n1 n2 d1...dk
1/8	ESC 0	0x1B 0x30
1/6	ESC 2	0x1B 0x32
	ESC C n	0x1B 0x43 n
	ESC f	0x1B 0x66
	ESC M n	0x1B 0x4D n
	ESC h n	0x1B 0x68 n
	GS g n	0x1D 0x67 n
ID	GS I n	0x1D 0x49 n
	GS h n	0x1D 0x68 n
	GS k m d1...dk NUL GS k m n d1...dn	0x1D 0x6B m d1...dk NUL 0x1D 0x6B m n d1...dn
	GS w n	0x1D 0x77 n