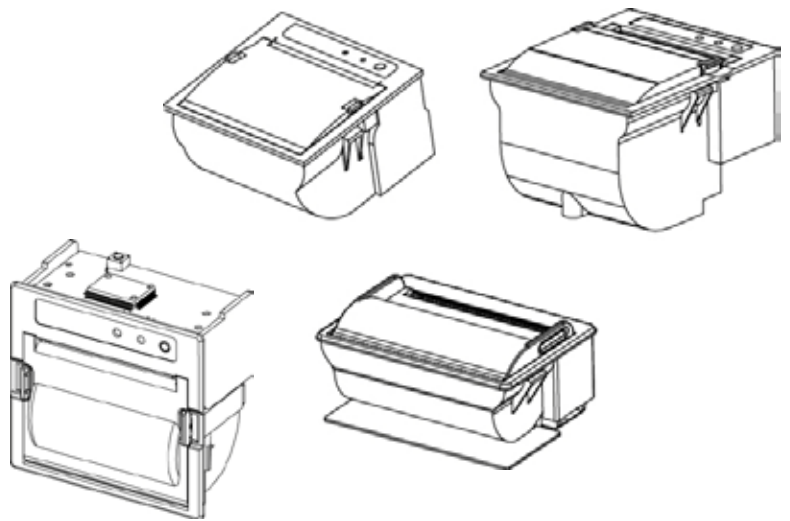


Operator's Manual

PORTI-P

(2)

Rev. 4.0



가 448 ,

3 501

: +82-2-2107-3700

: +82-2-2107-3707

<http://www.woosim.com>

┆
PORTI-P 2
Copyright 2010



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!

- u
- u (50mm/sec, MAX)
- u (203dpi : 8dots/mm)
- u UART(RS-232C or TTL) , Parallel(PP40, PP60 가)
- u
- u , LED
- u 가
- u - ,
- u Microsoft Windows XP / VISTA / 7 / CE / Linux / Android
- u : (XON/XOFF)

I

U

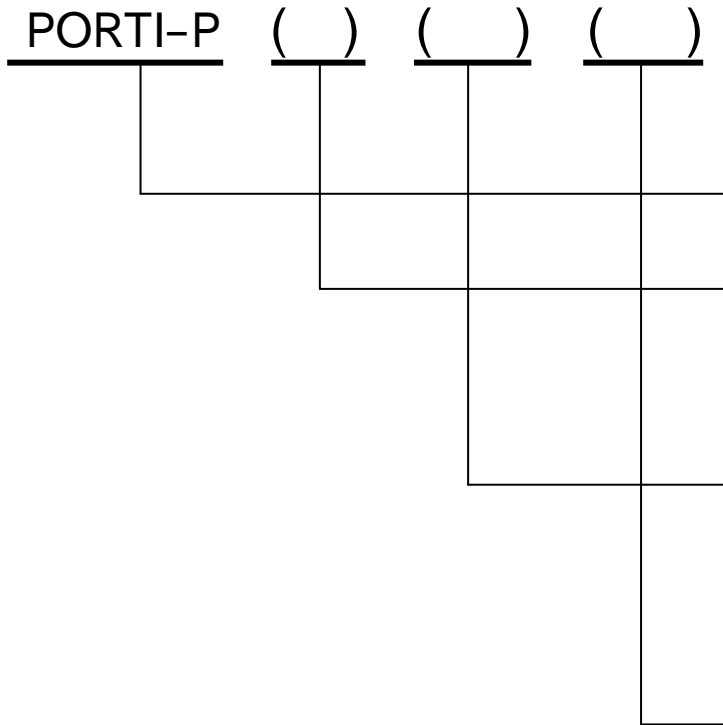
: -10°C to 50°C
: 30% to 80%

U

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- 1.3.8
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- 2.1.10
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1.

1.1.



A0 : UART

E0 : Parallel

30 : 57mm wide, 30 Ø

40 : 57mm wide, 40 Ø

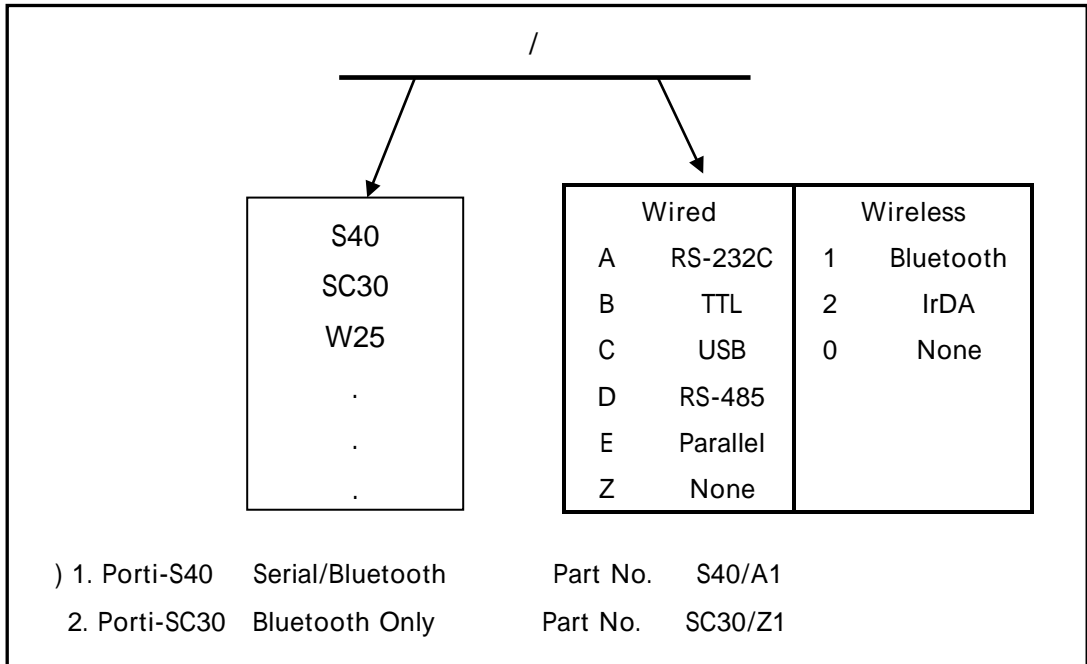
60 : 57mm wide, 60 Ø

None : DC 9VDC

5V : DC 5VDC

12V : DC 12~24VDC

1.2. Part Number



1.3.

	42cpl (MAX)
	Eng. : 9*24dots, 12*24dots Kor. : 16*24dots, [24*24dots]
	Simplified/Traditional Chinese, Arabic, Cyrillic, Russian, Turkish, Greek, Japanese, Persian, Latin9 and Others upon request.
	203dpi, 8dots/mm
	2-inch (48mm, 384dots)
	50mm/sec (MAX)
(PCB)	-P30 : 75 * 55 * 30.3 mm -P40,P240 : 80 * 75 * 40 mm -P60 : 76 * 93 * 62 mm -PP40 : 80 * 75 * 55 mm -PP60 : 76 * 93 * 62 mm
()	-P30 : 102.5g -P40,P240 : 153g -P60 : 274g -PP40 : 164.5g -PP60 : 285.5g
	UART(RS-232C or TTL) (P30,P40,P240,P60,PP40, PP60) Parallel (PP40, PP60 only)
	(57mm - 30ø 40ø, 60ø)
	1 : Code128, Code39, I2/5, Code93, UPC, EAN, KAN, JAN, CODABAR 2 : PDF417, QR Code, DATA Matrix
	Microsoft Widows XP / VISTA / 7 Windows CE, Linux, Android OS driver compatible
	10K bytes
	5VDC, Standby 60mA and Max 2.5A (P30, P40,P240) 9VDC, Standby 60mA and Max 3A (P30,P40,P240, P60) 12V~24VDC, Standby 60mA and Max 3A (PP40, PP60)

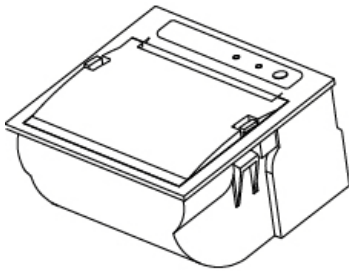
(...)

		-10°C ~50°C ()
		-10°C ~ 70°C ()
		30% - 80% ()
		10% - 90% ()
MCBF (Mean Cycle Between failure)	Mechanical	37,000,000 lines
	Head	Approximately 50 Km

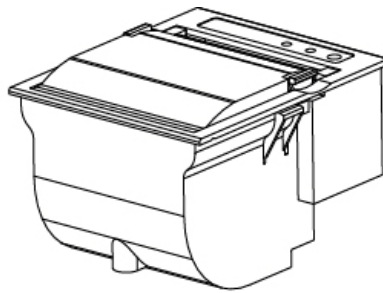
< 1 >

2.

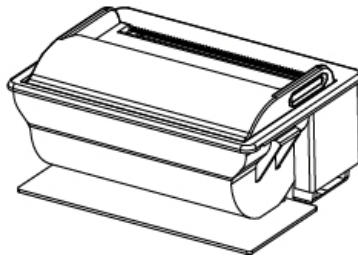
2.1.



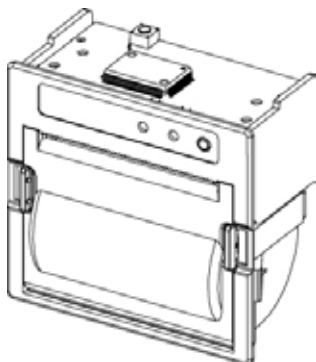
Porti-P40,
PP40



Porti-P60,
PP60



Porti-P30

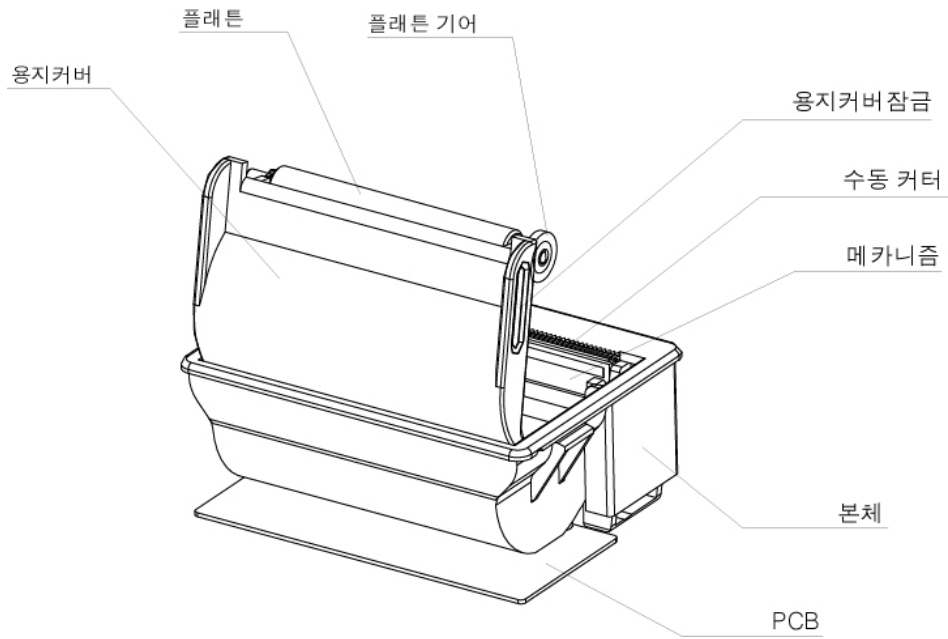


Porti-P240

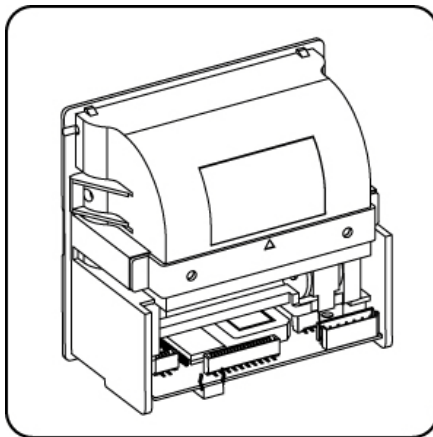
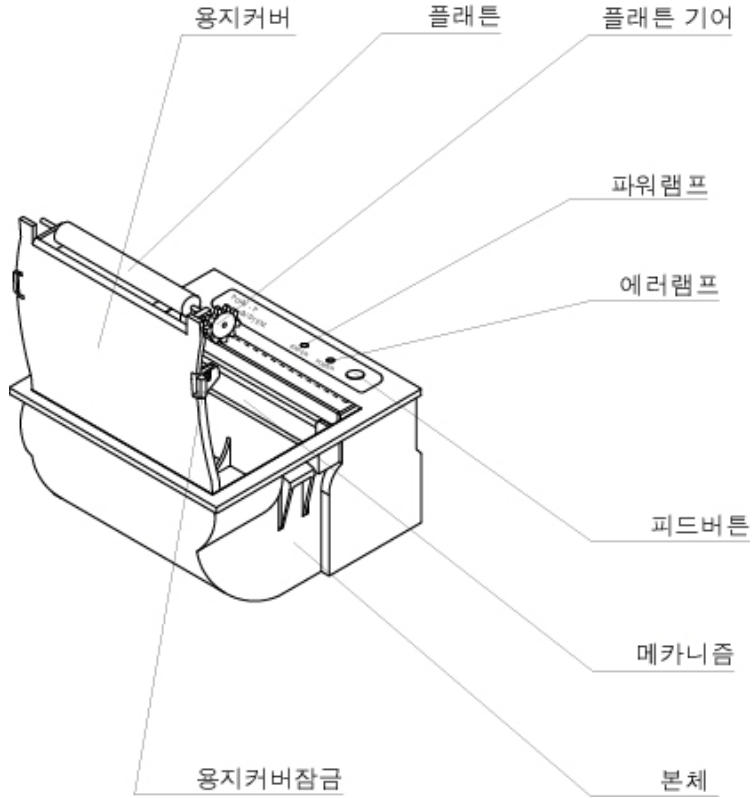


2.2.

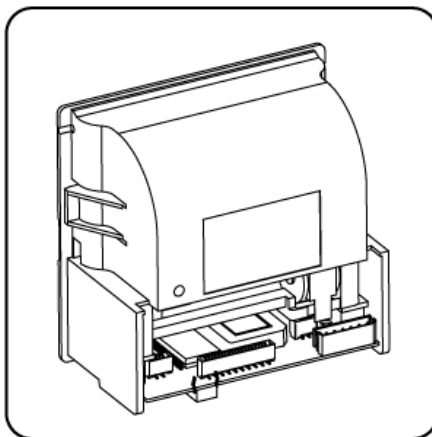
2.2.1. Porti-P30



2.2.2. Porti-P40 (include P240, PP40)

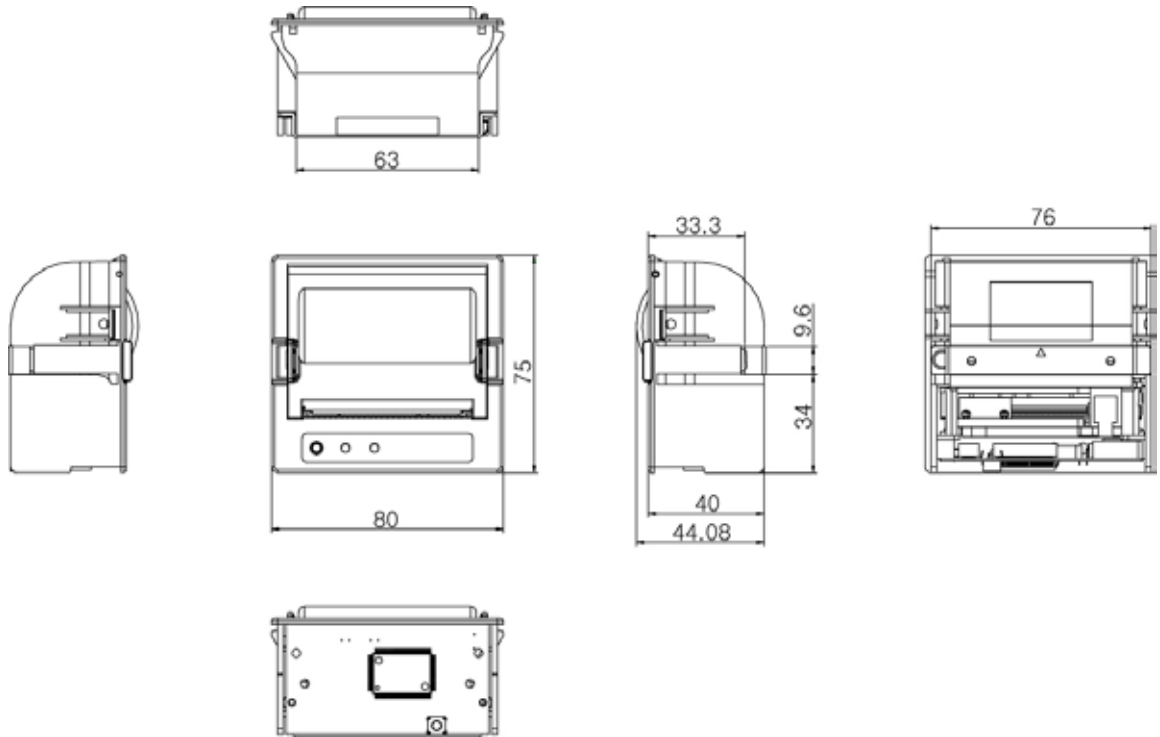


[P240]

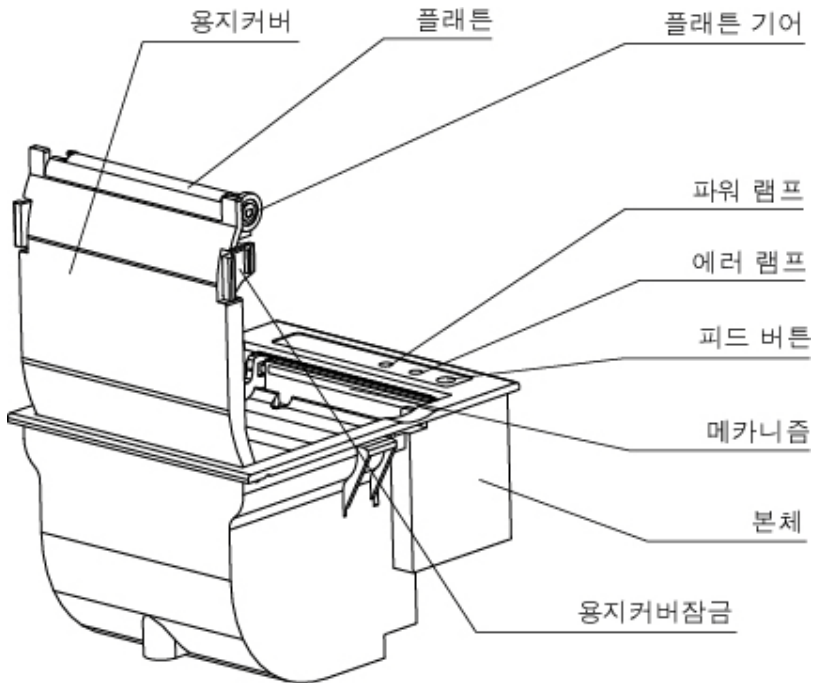


[P40]

** P240 Dimensions

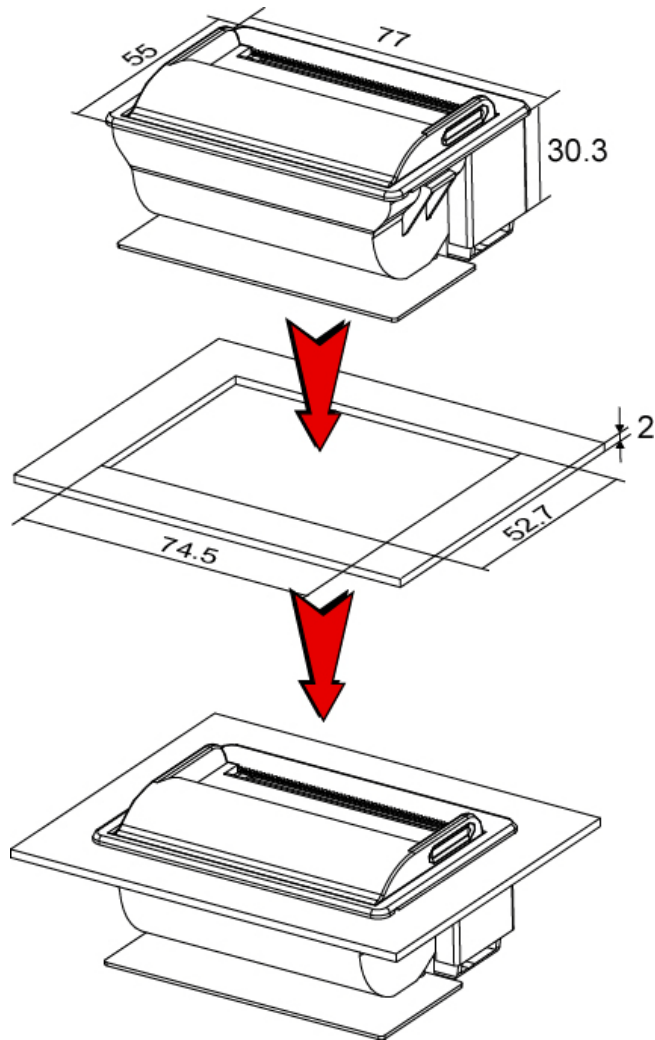


2.2.3. Porti-P60

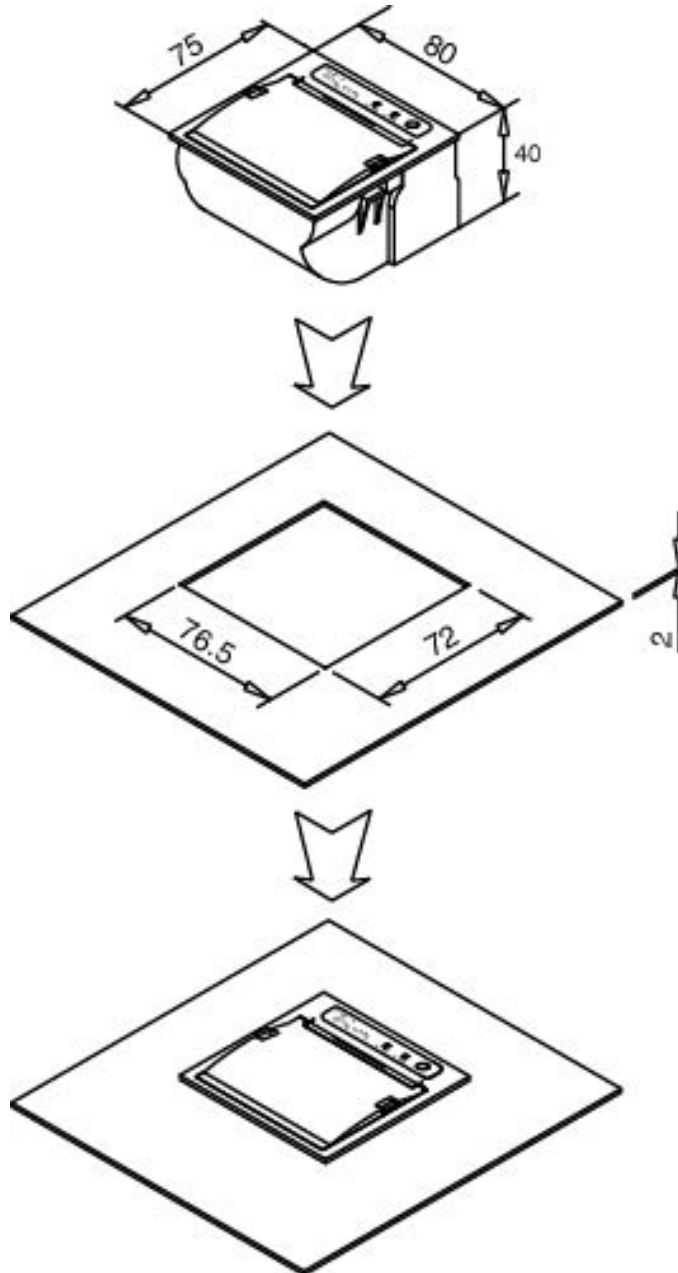


2.3.

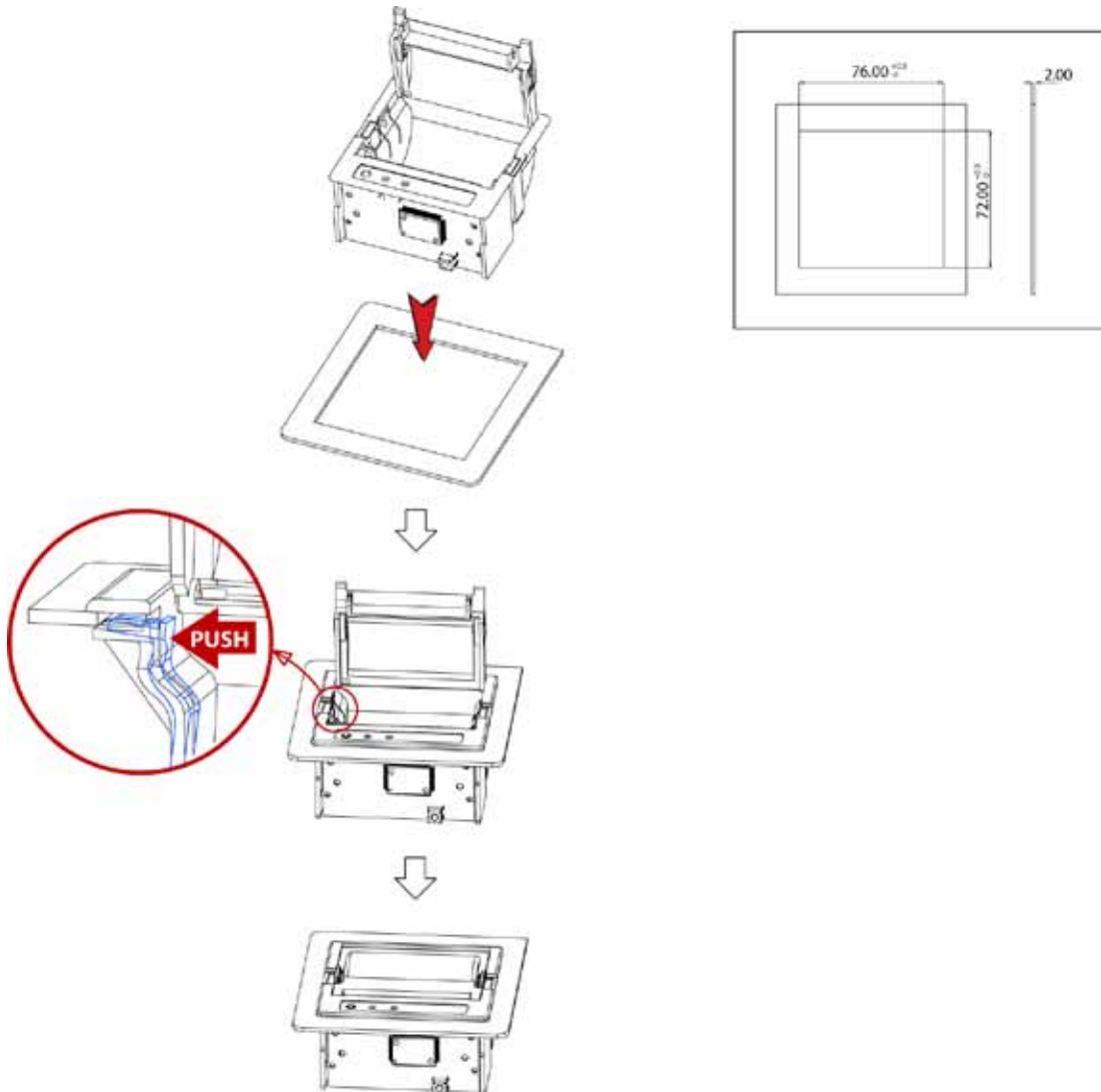
2.3.1. Porti-P30



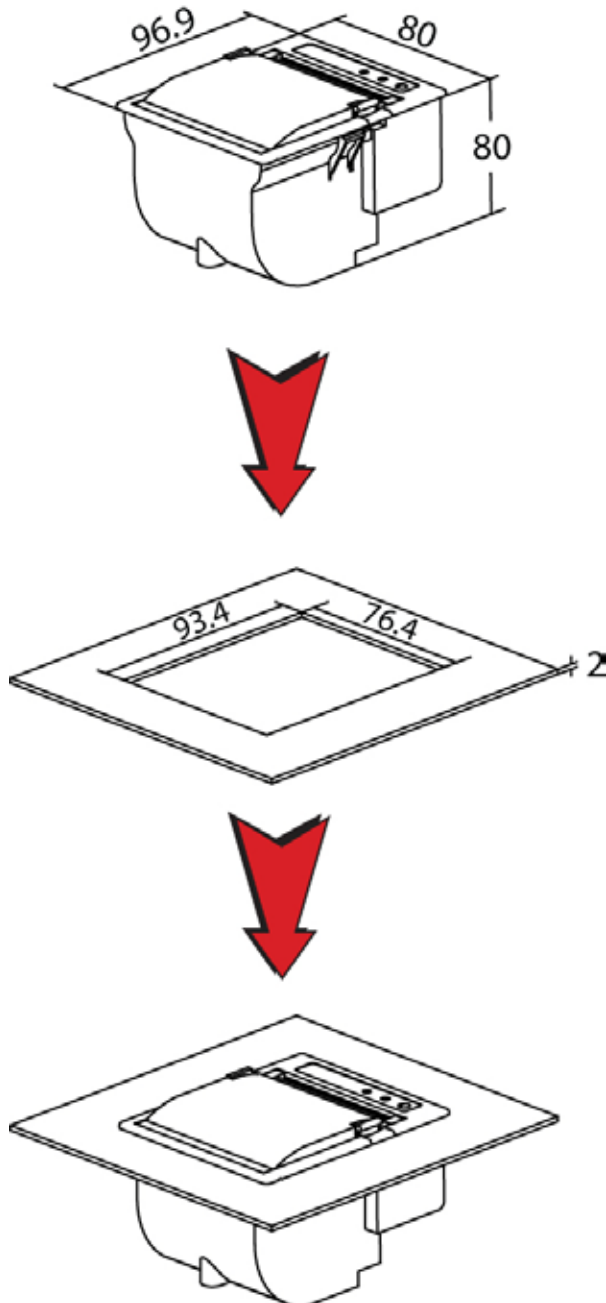
2.3.2. Porti-P40 (PP40)



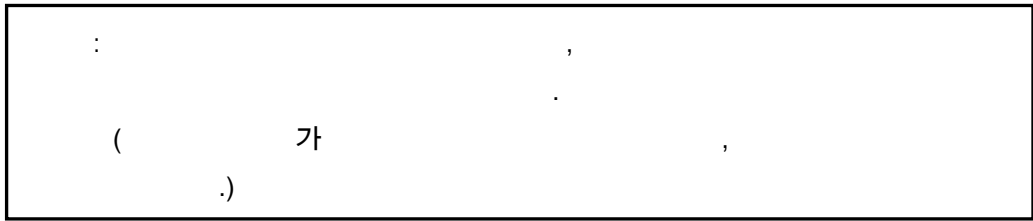
2.3.3. Porti-P240



2.3.4. Porti-P60 (PP60)

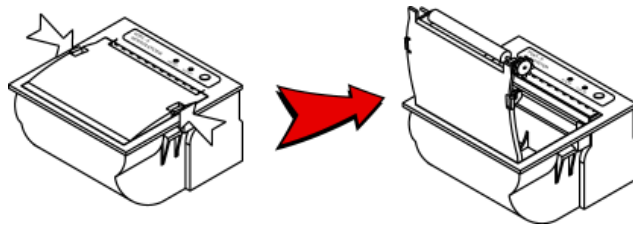


2.4.

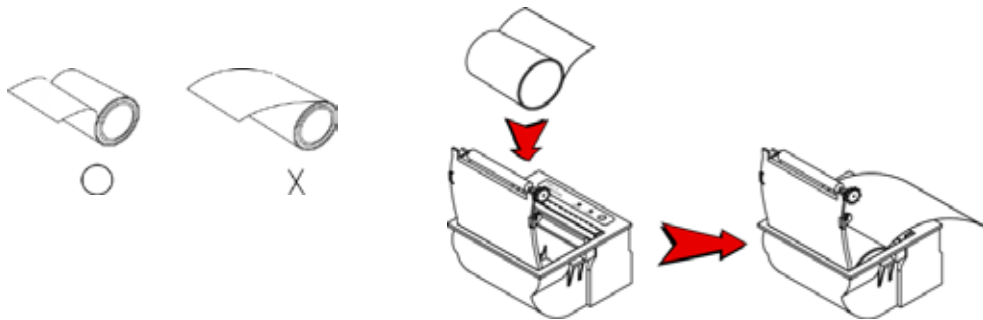


1. 가 가

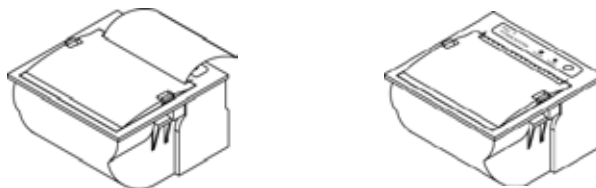
2. 가 가



3.



4.



U 1 , 가 2 , 가 4
 ® 3 , 7 ,
 가 57600bps

U 1 3 , 가 2
 ® 1 , 가 1 ,
 가 7 Data bit

U 1 , 가 4 , 가 1
 ® 2 , 가 3 ,
 가 Odd parity

U 1 , 가 5 , 가 1
 ® 2 , 가 3 ,
 가 Density high

U 2 , 가 7 , 가 2
 ® 1 , 가 1 , 가
 No use

U 1 , 가 8 , 가 1
 ® 1 , 가 2 , 가
 Medium 1

PARALLEL / 57600bps / 7 Data bit / Odd parity / Density high
 No use / Medium 1

* M37702 (OLD) Version

	()	()	
Communication Port	1	1	RS-232C
		2	PARALLEL
		3	PARALLEL
Baud Rate	2	1	1200 bps
		2	2400 bps
		3	4800 bps
		4	9600 bps
		5	19200 bps
		6	38400 bps
		7	57600 bps
		8	115200 bps
Data Bit	3	1	7 Data bit
		2	8 Data bit
Parity Bit	4	1	No Parity
		2	Even Parity
		3	Odd Parity
Density	5	1	Density Low
		2	Density Medium
		3	Density High
Protocol	6	1	Default Protocol
		2	Lotte Protocol
Mark	7	1	No use
		2	Use
Sensor	8	1	Low
		2	Medium1
		3	Medium2
		4	High

< M16C, ARM (NEW) Version >

(Table 3)

: ()
 : ()

[]

: UART/9600 bps/8 data bit/ No parity/1 Stop bit /Density

Low / Use / Low

Protocol UART / 57600 bps / 7 data bit / Odd parity / 2 Stop bit /

Density high / No use / Medium 1

U		가 5		
®	가 1		가 1	
®		1	가 2	
	가 Protocol UART			
U	1		가 2 ,	가 1
®		3	4	가
	57600 bps			
U	1		가 3 ,	가 2
®		1	가 1	
	가 7 data bit			
U	1		가 4 ,	가 1
®		1	가 2	가
	Odd parity			
U	1		가 5 ,	가 1
®		1	가 2	
	가 2 Stop bit			
U	1		가 6 ,	가 1
®		2	가 3	가
	Density high			

U 1 , 가 7 , 가 2 .
® 1 , 가 1 , 가
No use .
U 1 , 가 8 , 가 1 .
® 1 , 가 2 , 가
Medium 1 .

Protocol UART / 57600 bps / 7 data bit / Odd parity / 2 Stop bit / density
high / No use / Medium 1

* M16C , ARM (NEW) Version

	()	()	
Communication Port	1	1	UART(RS-232C)
		2	Protocol UART(RS-232C)
Baud Rate	2	1	9600 bps
		2	19200 bps
		3	38400 bps
		4	57600 bps
		5	115200 bps
Data Bit	3	1	7 Data bit
		2	8 Data bit
Parity	4	1	No Parity
		2	Odd Parity
		3	Even Parity
Stop bit	5	1	1 stop bit
		2	2 stop bit
Density	6	1	Density Low
		2	Density Medium
		3	Density High
Mark	7	1	No use
		2	Use
Sensor	8	1	Low
		2	Medium1
		3	Medium2
		4	High

2.6.

:

1. Porti-P30,P40, P240 : DC 5V / Max 2.5A
2. Porti-P30, P40,P240, P60 : DC 9V / Max 3A
3. Porti-PP40,PP60 : DC 12~24V / Max 3A

n Parallel

1	STB	
2	DATA BIT 0	
3	DATA BIT 1	
4	DATA BIT 2	
5	DATA BIT 3	
6	DATA BIT 4	
7	DATA BIT 5	
8	DATA BIT 6	
9	DATA BIT 7	
10	ACK	
11	BUSY	
12	P/E	
13	ERR	
14	INIT	
15	GROUND	

<J5 : MOLEX (53014-15P)>

Applicable connector : MOLEX 51004-15P or equivalent.

n Serial

5	GND	
4	N.C	
3	N.C	
2	RXD	
1	TXD	

<J2 : MOLEX (53014-05P)>

Applicable connector : MOLEX 51004-05P or equivalent.

n Power

1	GND	
2	Vpp (12V~24V/3A)	

<J6 : MOLEX (5267-02P)>

Applicable connector : MOLEX 5264-02P or equivalent.



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4.1.



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4.2.

1.

2.

3.

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4.

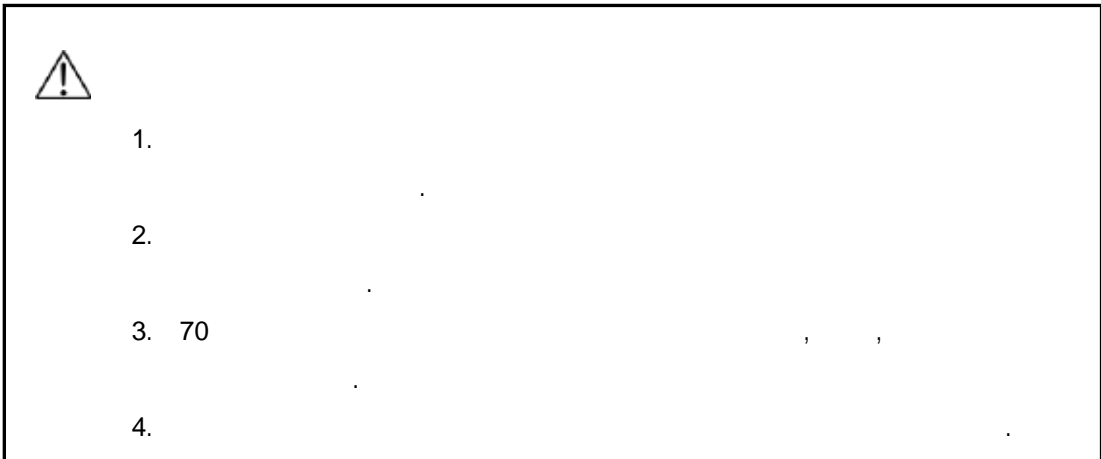
5.

가

5.

5.1.

- :
- : 57mm
- : $60 \pm 5 \mu\text{m}$
- : $\text{\O}30\text{mm}$ (P40), $\text{\O}40\text{mm}$ (P40,P240,PP40), $\text{\O}60\text{mm}$ (P60,PP60)
- :



5.2

