

Partner Tech Corporation

The Technology Partner for Today and Tomorrow

RP-600 Thermal Receipt Printer



RP-600 Features

- Fast speed printing of 230 mm/s.
- Easy drop-in paper loading.
- Supports 58mm - 80-mm paper width.
- Standard USB 2.0 type A port plus interchangeable Serial or Parallel or Ethernet or Wireless Lan interface.
- Horizontal and Wall Hanging Positions.
- Status detection sensors.
- High reliability - MCBF: 60,000,000 Lines,
Printhead: 150km
Autocutter: 1.5 million cuts
- Energy Star Certified.



Colors

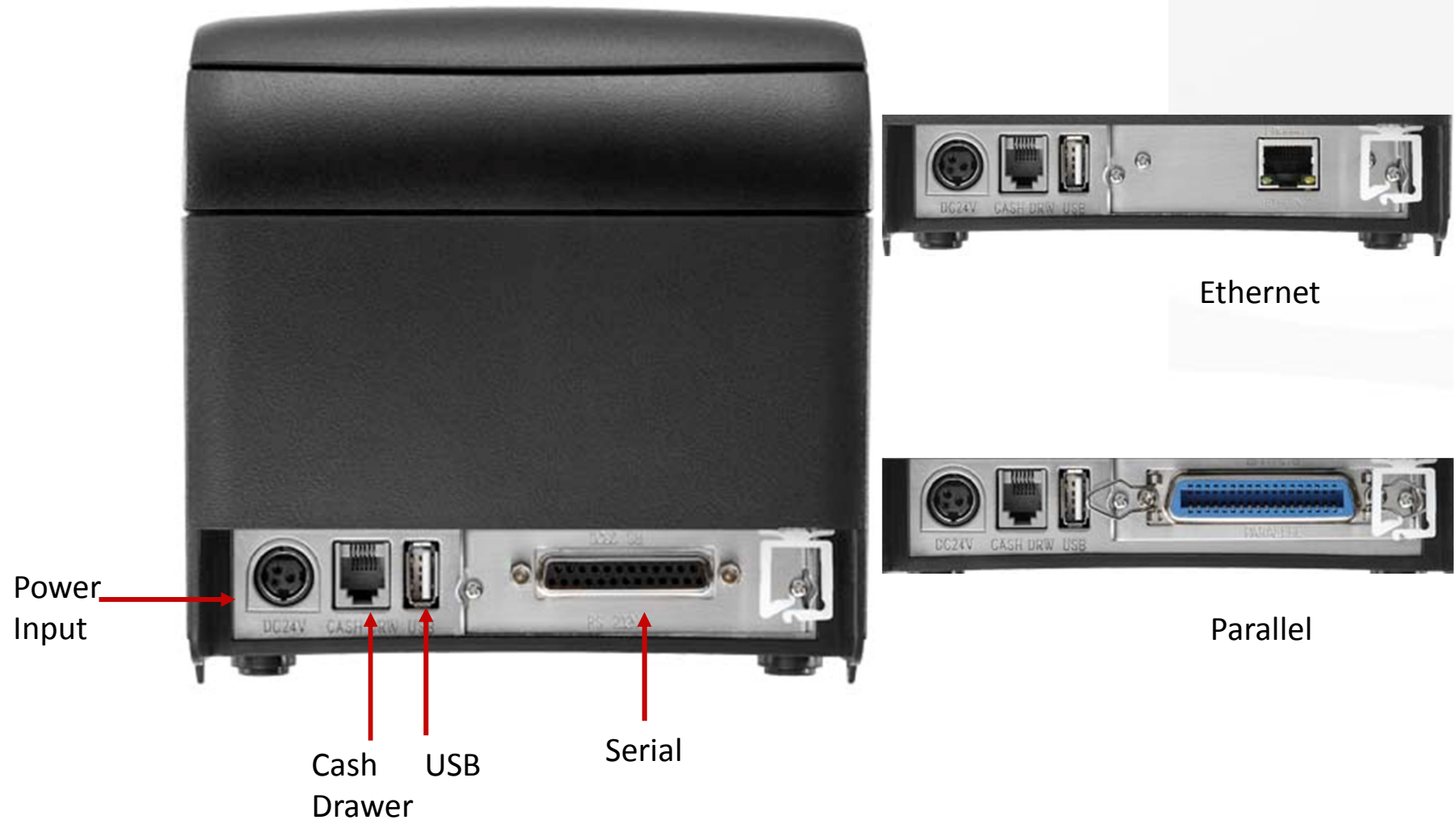


Black C

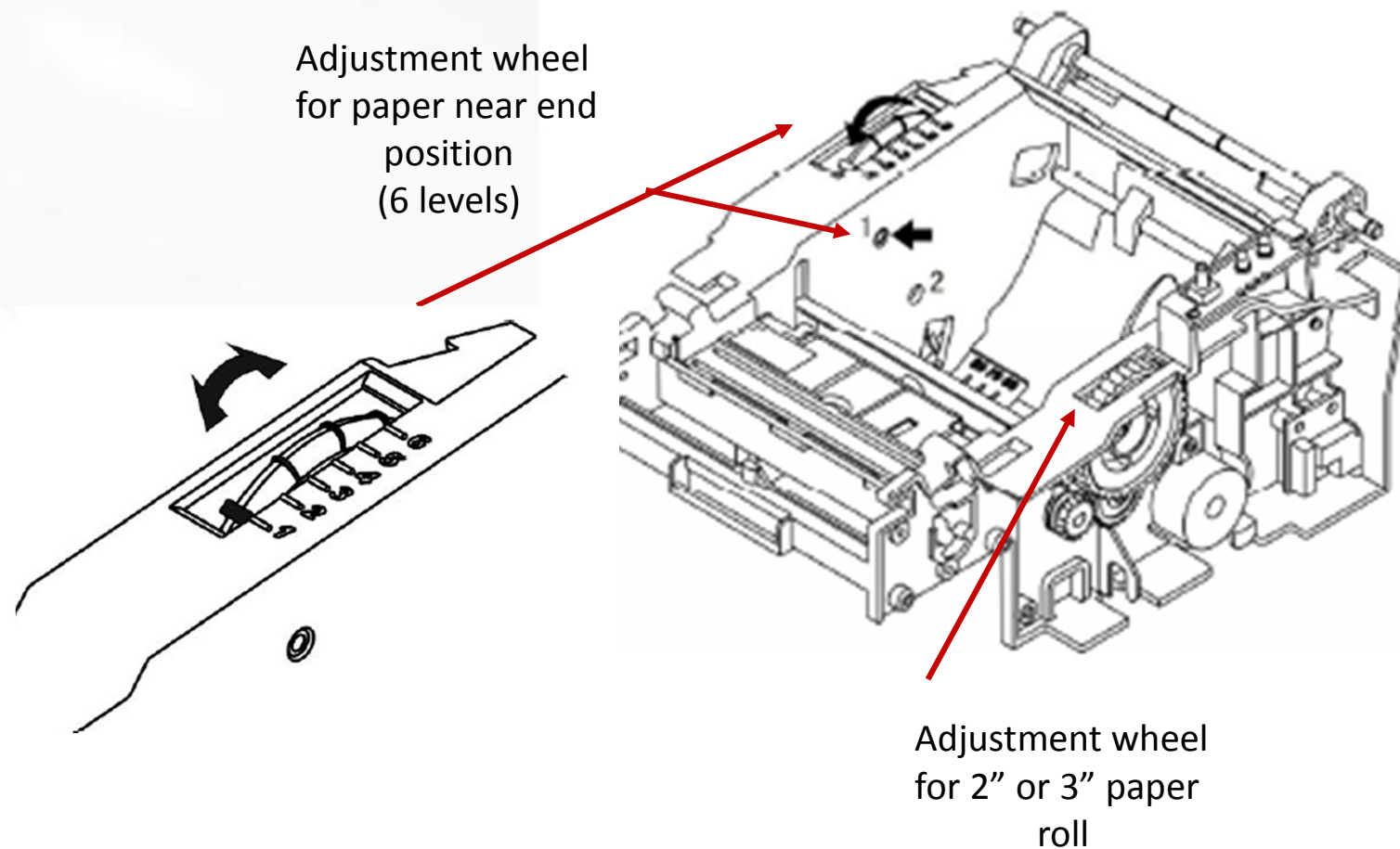
RP-600 Outlook



I/O Panel



Internal Construction



Auto-Cutter

- Method: Guillotine Type
- Setting Type:
 - Full Cut: Completely Cut Off
 - Partial Cut: One point at the center left uncut
 - No Cut: Use tear bar to tear off receipt
- Reliability: 1,500,000 cuts



Partial Cut



Tear Bar

Installation Positions



Horizontal installation



Walling mounting



Vertical installation

Accessories



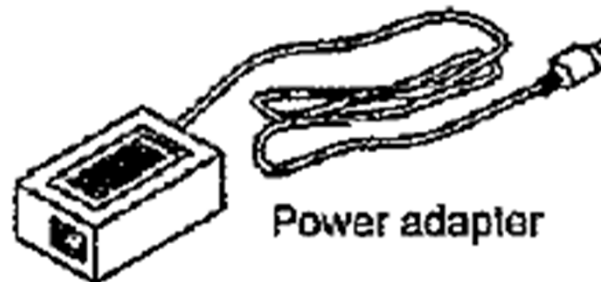
Printer



User's quick reference



Power cable



Power adapter

Specification

Model	RP-600
Housing Color	Black
Print	Direct Thermal
Resolution	180x180 DPI
Paper Width	57.5-82.5mm, Adjustable
Printing Width	Max. 72mm
Printing Speed	Standard: Max. 230mm/sec Gray Scale Printing: Max. 150mm/sec
Flash Logo	Max. 512K Bytes
Data Buffer	4K Bytes
Standard Interface	USB 2.0 Type A (Full Speed) Support Virtual COM Port Driver
Optional Interface	Serial, Parallel, Ethernet, WLAN
Cash Drawer Port	2 Signals
Printer Status	Paper End Sensor, Paper Near End Sensor, Cover Sensor, Printhead Temperature Sensor, Printer Voltage Detection
Cutter Mode	Full Cut, Partial Cut, Tear Off

Specification

Model	RP-600
Barcode	1D: UPC-A, UPC-E, JAN8 (EAN8), JAN13 (EAN13), CODE 39, CODE 93, CODE 128, ITF, CODABAR 2D: PDF417, QR CODE, MaxiCODE GS1: GS1
Font Type	Font A: 12 x 24 Font B: 9 x 17 Kanji Font A: 24 x 24
Character Set	95 Alphanumeric 14 Types International Character Set 128 x 57 Code Page Traditional Chinese Font, Simplified Chinese Font (GB2312/18030), Japanese Font, Korean Font, HK (Optional), Thai Font User Define Font (95) & Code Page
Character Enlargement	All Characters can be enlarge 1-6X Horizontally or Vertically
Character Rotation	Rotation Printing in 4 Directions (0, 90, 180, 270 degrees)
Reliability	Printhead:150KM Cutter: 1,500,000 Cuts MCBF: 60,000,000 Lines MTBF: 360,000 Hours
Command	ESC/POS Compatible

Specification

Model	RP-600
Power Adapter	Input: 100-240VAC, 50-60Hz Output: 24V+/-5%V DC
LED	Power and Error
Button	Feed
Buzzer	Internal Buzzer with Adjustable Volume
Special Printing Support	Right Up Side, Paper Saving, Watermark, Gray Scale
Driver	Win 32: Win2000, XP, Server 2003, Server 2008, VISTA, Win 7, POS Ready 7 Wn 64: XP, Server 2003, Server 2008, VISTA, Win7, POS Ready 7 Linux: CUPS MAC OPOS JAVA POS
Software Utility	EEPROM Setting, Logo Download, Customized Font

Barcode and Language Support

Barcode	1D	UPC-A, UPC-E, JAN8 (EAN8), JAN13 (EAN13), CODE 39, CODE 93, CODE 128, ITF, CODABAR, GS1-128, GS1 DataBar
	2D	PDF417, QR, Maxicode, 2D GS1 DataBar, Composite Symbology
Fonts		Font A: 12 x 24 Font B: 9 x 17 Kanji font A: 24 x 24
Character set		95 Alphanumeric
		14 types of international characters
		128 x 57 code page
		Traditional Chinese, Simplified Chinese (GB2312/18030), Japanese, Korean, English, HK (optional)
		User-defined font (95) & code page
Character enlargement		All characters can be enlarged 1-6 times horizontally and vertically
Character rotation		Rotation printing in four directions (0°, 90°, 180°, 270°)

Special Functions

Functions	Saving paper	Support
	Feed button configuration	Support (configure the printer without computer)
	Right-up-side printing	Support
	Water mark printing	Support
	Gray scale printing	Support

Paper Saving Feature

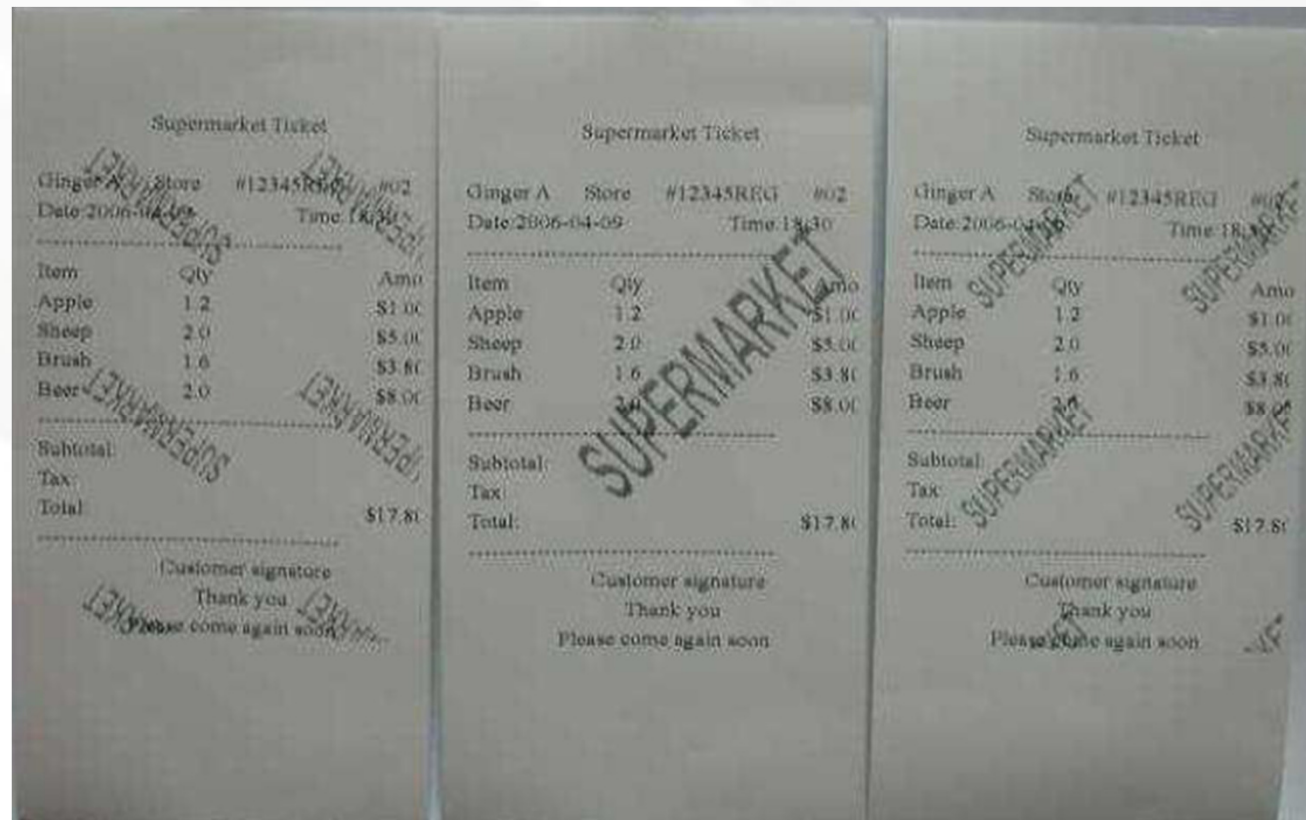
Up to 35%



Right Up – Side – Printing Feature



Watermark Printing Feature



Gray Scale Printing Feature



Comparison of RP-320 & RP-500 & RP-600

1	Model name		RP-320	RP-500	RP-600
2	Appearance				
3	Housing Color		Black or Cool White	Black or Cool White	Black
4	General Specs.				
		Printing speed, Text	200mm/s	200mm/s	230mm/s
		Printing speed, Graphic	160mm/s	200mm/s	150mm/s
		Print density	180dpi	180dpi	180dpi
		Roll paper diameter	80mm	83mm	83mm
		Cover Open	Lever Type	Lever Type	Lever Type
		Column capacity			
		FontA-80mm(58mm)	42(30)	42(30)	42(30)
		FontB-80mm(58mm)	56(40)	56(40)	56(40)

Comparison of RP-320 & RP-500 & RP-600

	Model name		RP-320	RP-500	RP-600
		Auto Cutter	YES	YES	YES
		Cut Type	Guillotine	Scissor	Gullotine
			(Full & Partial cut - point uncut in the center)	Partial cut with point uncut on the left side	(Full & Partial cut - point uncut in the center)
		Tear Bar	Yes	YES	YES
		(Manual Cutter)		(On plastic case)	(On plastic case)
		Near End sensor	Option	standard	standard
				not available when wall-hanging	
		Black Mark sensor	Option	NO	YES
		Cover Open sensor	YES	YES	YES
		Paper End sensor	YES	YES	YES
	Buzzer		YES	YES	YES
5	External dimensions (W x D x H)mm		152(W) x 198(D) x 151(H)	140(W) x 199(D) x 151(H)	143(W) x 190(D) x 143(H)
6	Interface				
		USB	Default (Type A)	Default (Type A)	Default (Type A)
		Serial	YES	YES	YES
		Parallel	YES	YES	YES
		Ethernet	YES	YES	YES
		Wireless Lan	NO	NO	YES
7	Command		ESC/POS	ESC/POS	ESC/POS
8	Reliability				
		MCBF	50,000,000 lines	60,000,000 lines	60,000,000 lines
		Thermal Head	160km	160km	150km
		Auto Cutter	1,500,000 cuts	1,500,000 cuts	1,500,000 cuts

Code Page Lists

n	Code Page
0	PC437
1	Katakana
2	PC850
3	PC860
4	PC863
5	PC865
11	851[Greek]
13	PC857
14	737[Greek]
15	928[Greek]
16	WPC1252
17	PC866
18	PC852
19	PC858
20	Thai Tis42(Thai3)
21	Thai Tis11(Thai5)
22	Thai Tis(Thai2)
23	Thai Ku(Thai1)
24	Thai Tis14(Thai4)
26	Thai Tis18(Thai6)
27	Hebrew1
28	Hebrew2
29	Hebrew3
33	775[Baltic]
34	855[Cyrillic]

36	862[hebrew]
37	864[Arabic]
38	869[Greek]
41	Farsi
43	772[Lithuanian]
45	1250[Latin-2]
46	1251[Cyrillic]
47	1253[Greek]
48	1254[Turkish]
49	1255[Hebrew]
50	1256[Arabic]
51	1257[Baltic]
54	771
56	774[Lithuanian]
64	3840 (IBM-Russian)
65	3841 (Gost)
66	3843 (Polish)
67	3844 (CS2)
68	3845 (Hungarian)
69	3846 (Turkish)
70	3847 (Brazil-ABNT)
71	3848 (Brazil-ABICOMP)
72	1001
73	2001
74	3001 (Estonian-1)
75	3002 (Estonian-2)
76	3011 (Latvian-1)
77	3012 (Latvian-2)
78	3021 (Bulgarian)
79	3041 (Maltese)
80	8859
81	Persia

Packing Information

■ Individual Packing

Item	Box	@Gross Weight	@Measurement
RP-600	1pc	3kgs	268 x 217 x 250mm

■ Carton Packing

Item	Carton	@Gross Weight	@Measurement
RP-600	4pcs	12kgs	557 x 450 x 275mm



**Beyond the vendor and buyer relationship,
we want to become your value-added
Business Partner like how
we name ourselves**

Thank you!!

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