



TP860

High Speed & High Performance Thermal Receipt Printer

Printing method Paper feed mode Paper eject direction Eject from top Dot density 640 dots/line (203×203 DPI) Printing width Max:80 mm, 640 dots Print speed Max: 300 mm/s Paper feed speed Max: 300 mm/s Line spacing Print head life 1.5 million cut Paper thickness Cutter life 1.5 million cut Paper specification Thermal roll paper model Width: 79.5 ± 0.5 mm; 69.5 ± 0.5 mm; 57.5 ± 0.5 m Weight: 53 ~ 80 g/m² Maximum diameter: Ф83 mm Paper thickness: 0.065 ~ 0.14 mm Note: The inner diameter of paper shaft is Φ12 mm and the outer diameter of paper shaft is Φ18 mm. Character set ASCII: 13 international character sets This printer can be equipped with the following interfaces: Parallel interface (2.0 Full-Speed) Serial interface (10/1008ase-T) USB interface (2.0 Full-Speed) S	Item	Description		
Paper feed mode Paper eject direction Eject from top Dot density 640 dots/line (203×203 DPI) Printing width Max:80 mm, 640 dots Print speed Max:300 mm/s Paper feed speed Max:300 mm/s Line spacing 150 Km, 1X10° pulse Cutter life 1.5 million cut Paper thickness 0.065 ~ 0.14 mm Thermal roll paper model Paper specification Weight: 53 ~ 80 g/m² Maximum diameter: Ф83 mm Paper thickness: 0.065 ~ 0.14 mm Note: The instructions are all under the laboratorial measurements with specified paper. Width: 79.5 ± 0.5 mm; 69.5 ± 0.5 mm; 57.5 ± 0.5 m Weight: 53 ~ 80 g/m² Maximum diameter: Ф83 mm Paper thickness: 0.065 ~ 0.14 mm Note: The inner diameter of paper shaft is Φ12 mm and the outer diameter of paper shaft is Φ18 mm. Character set ASCII: 13 international character sets This printer can be equipped with the following interfaces: Parallel interface: 2.0 Full-Speed) + Serial interface (RS-232C, DB9) + Ethernet interface (10/100Base-T) USB interface (2.0 Full-Speed) + Serial interface (RS-232C, Db9) + Ethernet interface (10/100Base-T) USB interface (2.0 Full-Speed) + Serial interface (RS-232C, Db9) + Ethernet interface (micro) + Wi-Fi (802.11b/g/n) USB interface (2.0 Full-Speed) + Serial interface (RS-232C, Db9) + Ethernet interface (micro) + Wi-Fi (802.11b/g/n) USB interface (2.0 Full-Speed) + Serial interface (RS-232C, Db9) + Ethernet interface (micro) + Wi-Fi (802.11b/g/n) USB interface (2.0 Full-Speed) + Serial interface (RS-232C, Db9) + Ethernet interface (micro) + Wi-Fi (802.11b/g/n) USB interface (2.0 Full-Speed) + Serial interface (RS-232C, Db9) + Ethernet interface (micro) + Wi-Fi (802.11b/g/n) USB interface (2.0 Full-Speed) + Serial interface (RS-232C, Db9) + Ethernet interface (micro) + Wi-Fi (802.11b/g/n) USB interface (2.0 Full-Speed) + Serial interface (RS-232C, Db9) + Ethernet interface (micro) + Wi-Fi (802.11b/g/n) USB interface (2.0 Full-Speed) + Serial interface (RS-232C, Db9) + Ethernet interface (micro) + Wi-Fi (802.11b/g/n) USB interface (Micro) + Wi-Fi (802.11b/g/n)				
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Print speed Max: 300 mm/s Paper feed speed Max: 300 mm/s Paper feed speed Max: 300 mm/s Line spacing 3.75 mm Print head life 150 Km, 1X10 ⁸ pulse he laboratorial measurements with specified paper. Cutter life 1.5 million cut specified paper. Thermal roll paper model AF50KS-E (Japan paper co.ltt AF50KS-E (JUJO THERMAL) Width: 79.5 ± 0.5 mm; 69.5 ± 0.5 mm; 57.5 ± 0.5 mm Weight: 53 ~ 80 g/m² Maximum diameter: Φ83 mm Paper thickness: 0.065 ~ 0.14 mm Note: The inner diameter of paper shaft is Φ12 mm and the outer diameter of paper shaft is Φ18 mm. Character set ASCII: 13 international character sets This printer can be equipped with the following interface: Parallel interface (2.0 Full-Speed) - Serial interface (10/100Base-T) USB interface (2.0 Full-Speed) - Serial interface (RS-232C, Db9) + Ethernet interface (10/100Base-T) USB interface (2.0 Full-Speed) - Serial interface (RS-232C, Db9) + Ethernet interface (10/100Base-T) USB interface (2.0 Full-Speed) - Bluetooth Wi-Fi (802.11b/g/m) Note: 1. Only one of the data interfaces is supplied when leaving the factory. 2. Please take the specific interface as standard. Cash drawer interface RJ-11, 24V (DC)/1A Automatic cutter, Online parameter settings, Online software upgrade Input buffer 4 MB	Paper eject direction			
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Special function Automatic cutter, Online parameter settings, Online software upgrade Input buffer 4 MB	Interface	Parallel interface: Centronics USB interface: 2.0 Full-Speed USB interface (2.0 Full-Speed)+ Serial interface (RS-232C, DB9) USB interface (2.0 Full-Speed)+ Ethernet interface (10/100Base-T) USB interface (2.0 Full-Speed)+ Serial interface (RS-232C, Db9) + Ethernet interface (10/100Base-T) USB interface (2.0 Full-Speed)+ Bluetooth Wi-Fi (802.11b/g/n) USB interface (micro)+ Wi-Fi (802.11b/g/n) Note: 1. Only one of the data interfaces is supplied when leaving the factory.		
Special function Automatic cutter, Online parameter settings, Online software upgrade Input buffer 4 MB	Cash drawer interface	RJ-11, 24V (DC)/1A		
	Special function	Automatic cutter, Online parameter settings,		
	Input buffer	4 MB		
Character printing command: Support ANK characters, user-defined character and enlarged printing of Chinese characters 1~8	Control command	Character printing command: Support ANK characters, user-defined characters and enlarged printing of Chinese characters 1~8		
Dot image printing command: Support different densities dot images and		Mode), can adjust character line spacing Dot image printing command: Support different densities dot images and downloading image printing, can save NV bitmap		
Linear bar code: UPC-A, UPC-E, EAN-13, EAN-8, CODE39, CODE128, Bar code		Bar code IT	AN-13, EAN-8, CODE39, CODE128,	

Two-dimension bar code: PDF417, QR CODE

Item		Description	
Power Supply (AC adapter)	IN	Voltage: 100 ~ 240 V (AC)	
		Frequency: 50Hz/60Hz	
	OUT	Voltage: 24 V (DC)	
		Current: 2.5 A	
Power input	Parameters	Input voltage: 24 V (DC)	
		Current: 2.5 A	
		Warning: Please use the original AC adapter only. Manufacturers have no responsibilities for the problems which are led by using unauthorized AC adapter.	
Environmental conditions	Operating environment	Temperature: 5 ~ 35°C	
		Humidity: 25 ~ 80%RH (No condensation)	
	Storage environment	Temperature: -40 ~ 55°C	
		Humidity: ≤93%RH (40°C, no condensation)	
Weight	Approx.1.45 kg		
Noise	< 38 dB (A) (ISO7779 standard)		
Physical dimensions	142 mm (width)×200 mm (depth)×147 mm (height)		
Power consumption	① Operating: 40 W; ② Standby: Approximately 3.5 W		
	Note: Only when the product is unconnected with outer power supply, can it achieve zero energy consumption state.		
Code page	ESC/POS (77 kinds)		
	STAR Line Mode (42 kinds)		
Control panel	1 key and 3 LEDs		
Paper type	Thermal roll paper		

Note: All the technical instructions in this user's manual are the laboratorial measurements which are achieved under national standard store and work environment (normal temperature), the measuring paper accords with the specification in this user's manual.

