TM-T88V SPECIFICATIONS

PRINTING SPECIFICATIONS	
Printing method	Thermal line printing
Dot density	180 dpi × 180 dpi
Printing direction	Unidirectional with friction feed
Paper width	80 mm or 58 mm (with paper guide installed)
Printing width	When paper width is set to 80 mm: 72 mm {2.83"}, 512 dot positions; When paper width is set to 58 mm: 50.8 mm {2"}, 360 dot positions
Characters per line (default)	For 80 mm paper: Font A: 42; Font B: 56; For 58 mm paper: Font A: 30; Font B: 40
Maximum printing speed	Text printing (with embedded fonts): 300 mm/s {11.81 inch/s}; Page mode printing: 300 mm/s {11.81"/s}; Raster bit-image printing: 300 mm/s {11.81"/s}; Ladder bar code, 2-dimensional symbol printing: 100 mm/s {3.94"/s}; (Printing speed may be slower depending on the data transmission speed and the combination of control commands.)

CHARACTER SPECIFICATIONS	
Number of characters	Alphanumeric characters: 95; Extended graphics: 128 × 43 pages (including user-defined page); International characters: 18 sets
Character structure	Font A: 12 × 24 (including 2-dot spacing horizontally); Font B: 9 × 17 (including 2-dot spacing horizontally)

AUTOCUTTER	
Cutting method	Scissors type with separated blades
Cutting type	Partial cut (cutting with one point in left edge left uncut)

ROLL PAPER SUPPLY UNIT	
Supply method	Drop-in paper roll

PAPER SPECIFICATION	
Paper type	Specified thermal paper
Form and size	Roll paper, the chromogenic side must face outside.
Roll paper diameter	83 mm {3.27"} maximum
Roll paper core	Inside: 12 mm {0.47"}; Outside: 18 mm {0.71"} Width: Same as the paper width or less than paper width by 1 mm.
Take-up roll paper width	For 80 mm paper width model: 80 + 0.5/- 1.0 mm {3.15 + 0.02/- 0.04"}; For 58 mm paper width model: 58 + 0.5/- 1.0 mm {2.28 + 0.02/- 0.04"};
Paper width	For 80 mm paper width model: 79.5 ± 0.5 mm {3.13 ± 0.02"}; For 58 mm paper width model: 57.5 ± 0.5 mm {2.26 ± 0.02"}

INTERNAL BUFFER	
Receive buffer	Selectable as 45 bytes or 4 KB using the DIP switch.
User-defined buffer	12 KB (both for user-defined characters and user-defined bit images)
Macro buffer	2 KB
NV graphics memory	256 KB
NV user memory	1 KB

ELECTRICAL CHARACTERISTICS	
Supply voltage	DC + 24 V ± 7%; DC Current consumption (at 24 VDC, 25°C {77°F}, normal print density); Operating: Mean: Approx. 1.8 A; Peak: Approx. 6.8 A (Font A, 42 columns); Standby: Mean approximately 0.1 A
Interfaces	Standard: cashdrawer, power supply, built-in USB and changeable serial, parallel, W-LAN, Ethernet or other interface
EMI and Safety Standards	CE marking: Directive: 2004/108/EC; EN55022 Class A; EN55024; IEC61000-4-2; IEC61000-4-3; IEC61000-4-4; IEC61000-4-5; IEC61000-4-6; IEC61000-4-11; Safety Standard: TÜV (EN60950-1); Conforms to International ENERGY STAR® program. (when used with Epson interface and Epson PS-180 power supply)

RELIABILITY	
Thermal head	150 million pulses, 150 km
Autocutter	2 million cuts: Specified original paper type PD150R, PD160R.
MTBF	360,000 hours (Failure is defined as a random failure occurring at the time of the random failure period.)
MCBF	70 million lines (This is an average failure interval based on failures related to wear out and random failures up to the life of 20 million lines.)

ENVIRONMENTAL CONDITIONS	
Temperature	Operating: 5 to 45°C {41 to 113°F}; Storage: - 10 to 50°C {14 to 122°F} (paper excluded)
Humidity	Operating: 10 to 90 % RH; Storage: 10 to 90 % RH (paper excluded)

COMMERCIAL WARRANTY	
	4 years rtb

BOX CONTENT	
	TM-T88V, spacer for 58mm paper, PS-180, power cable, power switch cover, user manual, warranty sheet, paper sample, interface cover

The optional wall mounting is ideal for hanging up the TM-T88V, in the kitchen section for example.

The optional power pack case saves space by fitting under the TM-T88V.

The TM-T88V is obtainable with a variety of interchangeable interfaces.

Order over 5,000 models to have the TM-T88V in the colour of your choice

EPSON COVERPLUS

EPSON®