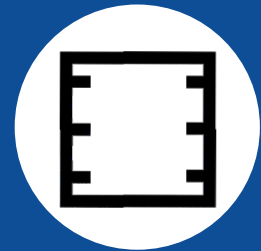


Thermal Printer

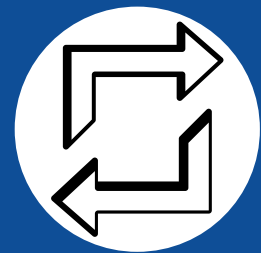
TPL-80E-BT



Black mark detection



Auto loading paper/ ticket



Printer status monitor

Features:

- Auto loading paper / ticket without wasting paper
- Black mark detection to avoid blank ticket printing
- Facility to monitor number of power on, number of tickets delivered, number of times the printer cover opened during each operator's shift
- Secure sensor for cover open activity. Printer stops printing when printer box cover is open (also erase buffer data)
- LED indication for printer status
- Robust and rugged printer body

Specifications*:

Printer Method	: Direct thermal or thermal line
Print Resolution	: 203 dpi
Printing Speed	: 100 mm per sec. or more
Paper Feed Speed	: 150 mm per sec.
Line Spacing	: Default line spacing - 1/8 inch, also support 1/6 inch
Fast Print Response	: Instant print operation, no warming up
Paper Width	: 81 mm
Printable Width	: 78 mm
Paper Length / Printable Length	: 150 mm (max.)
Receive Buffer Size	: 45 bytes to 4 KB
Paper Weight / Paper Thickness	: 56 ~ 150 um
Paper Type	: Thermal paper (top coated)
Paper Roll Capacity	: 500 tickets (roll max dia support 140 mm), Support - inner core dia 38mm ± 1mm, outer core dia 45mm ± 1mm, Total dia of Thermal Roll is approx 98mm ± 1mm
Paper Cutter	: Full automatic
Print Head Life	: 100 km
Cutter Life	: 1 million with 80 gsm paper, 0.7 million with 100 gsm paper
Paper Loading	: Automatic
Character Set & Size	: Font A : 12 X 24, Alphanumeric (ASCII)
Fonts	: Special fonts for Railways. support to print all vowel characters in italic. Provision to load customized Railway font in the firmware as default font.
QR Code Support	: Full graphics printing capability support
Black Mark Recognition	: For controlling printing & cutting
Printer Sensor	: Paper End or Paper out, Print head door open, Paper Black mark sensing in the back (opposite to paper print side)
MCBF	: 37 million lines
Dimensions (L x W x H)	: 450 MM x 265 MM x 250 MM
Temperature	: 5° C to 45° C (non condensing)
Humidity	: 10% to 90% RH (non condensing)
Power Input Range (Power Supply)	: 100 -240 VAC, 50/6 Hz (housed internally)
Weight	: 8.6 Kg
Driver Support	: Android 5 or above
Compliance	: RoHS Compliant, BIS approved as per IS-13252 (Part 1):2010
Communication (Interface)	: USB and Bluetooth
Emulation	: ESC/POS command set as required.
Outer Body	: Metal enclosure

Special features**:

Special features incorporated:

Printer to stop printing when printer cover is open.

It should clear the remaining ticket buffer when power off or printer cover open.

Printer must support printing of ticket with ticket length as per black mark (not as per fixed length) so that different length ticket stationary can be accommodated in the same printer.

Printer should return NOT READY status when not able to print the ticket (i.e. paper out , cover open ,head open or any other error in printer.

At the time of loading of paper roll (including printer power ON /OFF and cover open) printer should start from the second line.

Printer should have paper guide to align the paper.

Printer should support printing on thermal roll rolled on either side.

* Specificaion's are subject to change without prior notice

** Special features available in thermal printer

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