

i**mpress**[™]

INDIA'S FASTEST THERMAL PRINTER



Technical Specifications

Printer Specifications

Printer	: 2" Thermal printer, which supports multiple fonts, bar code and graphic printing
Resolution	: High resolution of 0.125 mm dots (8 dots/mm) with effective printing are 48mm

Communication Interface

Communication Modules	: Bluetooth V2.1 + EDR interface, Supports USB 2.0 device, Powered RS232 Port (9600bps to 11520bps)
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Card Readers

Magnetic Card Reader	: ISO/IEC 7813 supported cards, Bi-directional card swipe, Track1 and Track2
Smart Card Reader	: Two ISO 7816-1,2,3 & 4 Smart-card reader interface, Asynchronous Cards: T=0 and T=1, Synchronous/Memory Cards (1.8V/ 3.3V/ 5V cards)
SAM Reader	: Optional Security Access Module reader interface
Contactless Smart Card Reader	: Supports all Mifare cards, ISO 14443 Type A/B T=CL cards and NFC IP

Finger Print Specifications

FPS Specifications	: Optical sensor supports ISO SC37 19794-2/4 or ANS/INCITIS 378 template formats, 500 dpi resolution and capture are 14mm x 22mm
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GPS

Number of satellites	: 22 Channels
Protocol	: NMEA

Power Specifications

Battery operated	: Heavy duty rechargeable 1500 mAH Li-Ion battery
Battery Life	: Single charge of battery life prints upto 2000 charge slips of 5cm each
DC Operated	: 8V, 3.5A, Optional Automotive power supply

Usability

Mobility	: Pocket size light weight for mobility
Applications and Source Codes	: Demo applications and source codes with various host platforms
Indication	: Visual & Aural indication for power ON/OFF, charging, busy and error conditions
PC based applications	: Express - PC based applications for testing all the feature

Mechanical Specifications

Dimension	: L x W x H (122x82x40) in mm
Weight	: Approx. 220 gms

Environment

Humidity	: 5% to 90% relative humidity, non condensing
Operating Temperature	: 0°C to 50°C
Enclosure	: Ergonomic ABS+PC plastic, Handy

Certifications	: UL and CE
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Thermal Printer



Finger Print Scanner



Dual ISO 7816 Smartcard Reader



Full speed USB 2.0 device



BAR code Reader



16 Channel NMEA GPS



Bluetooth 2.1



Dual Track ISO 7813 Magnetic Card Reader



Two RS232 Serial Ports



Contactless ISO/IEC 14443A Smartcard Reader

Accessories:



Standard Battery



Software Development Kit



USB ActiveSync Cable



Automotive Battery Charger



Solar Charger



Manual and Support Apps



Carrying Pouch



Thermal Paper Roll