

## Vriddhi

BluPrints Integrated Biometric Finger Print (Aadhar enabled) Thermal Printer  
 (2inch/58 mm)



### BluPrints: Smart Integrated Thermal Printer Series

*Simplest Integrated POS*

Vriddhi from BluPrints Integrated Mobile Printer Series designed keeping in mind the need end users in the semi urban and rural India to provide all-in-one device with wireless Aadhar enabled biometric integrated with thermal printer for on the spot receipting from various business application for sectors such as Banking, Financial Inclusion, eKYC, Public Distribution, e governance. This ultra-sleek & rugged device is powered with STQC qualified fingerprint module with patent technology, tolerant of dust, grease and varying environmental conditions is all set to be taken in typically the UIDAI ecosystem. High-quality STQC certified fingerprint sensor with patented technology.

Vriddhi gives you an economical hassle free, easy to use-maintain-integrated one stop solution replacing the use of 2 different devices with one integrated device. Vriddhi will help instantly maximizing productivity at a lower cost.

The device is the right choice, an easy plug & play for Aadhar enabled applications (UIDAI qualified Level-0 Registered Device Services) entailing enrollment, verification and identification. BluPrints, a proud "Make in India" stands for outstanding product reliability and quality.

ENABLING MOBILITY

### Features

- High Grade ABS Plastic that with Stands 1.5 Ft Drop
- Superior Battery Power- 1500mAh Rechargeable Li- ion Battery
- Longer Printer Head life 50 kms
- No-Hassle Drop-in Media Loading with Large Paper Capacity
- Versatile Compatibility with Smart Devices
- High quality image printing, Barcode and QR code printing
- High Throughput, Fast Print Speed: 80mm/sec
- BIS Certified, Made In India
- Extended Fingerprint scanner life with 2 million touches

## Product Spec Sheet

<b>Model Number</b>	Vriddhi				
<b>Printing Method</b>	Thermal Line printing				
<b>Print Fonts</b>	Calibri, Tahoma, Verdana, Normal, Multilingual Text				
<b>Character Size</b>	Tahoma: 2X2.5mm, ANK: 12*26, Double Width, Double Height				
<b>Characters per Line</b>	32 and 48 CPL				
<b>Interface</b>	Bluetooth 4.0				
<b>Data Buffer</b>	4,000 bytes				
<b>Printing Speed (max.)</b>	80 mm/sec				
<b>Resolution Width</b>	8 Dots/mm, 384 Dots/line, 203 DPI				
<b>Power</b>	5 V DC,				
<b>Charging</b>	AC-DC Adapter (2hrs to full charge)				
<b>Printer Mechanism Life</b>	10 million lines				
<b>Prints</b>	Standard ESC/POS Commands, Multilingual, Text, Barcode, QR Code, Raster Image				
<b>Battery</b>	<table border="1"> <thead> <tr> <th>Specification</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>1500 mAh Li-ion Rechargeable Battery</td> <td>8-9 Hrs. and 29 Hrs. (Stand by Time)</td> </tr> </tbody> </table>	Specification	Duration	1500 mAh Li-ion Rechargeable Battery	8-9 Hrs. and 29 Hrs. (Stand by Time)
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<b>Net Weight</b>	300gms (Includes Printer, Paper Roll and Battery)				
<b>Dimensions (L x B x H)</b>	121X 84.5 X 51 MM				
<b>Environment</b>	<b>Operating Temp.</b> 0-50°C <b>Storage Temp.</b> 20 - 60°C				
<b>Accessories</b>	1 Battery, 1 Charger, 1 Paper Roll, 1 Cable				
<b>Buttons:</b>	POWER,FEED / MODE				
<b>Operating Systems:</b>	Android, Windows				
<b>Software:</b>	SDK - Android, Window Driver, BluPrints Smart Print App, RD Service				
<b>LED Indicators:</b>	Power On/Off, Charging, Error, Biometric				
<b>Dimension (LxBxH) (mm)</b>	35.0 x 26.0 x 3.21				
<b>Optical Equivalent Resolution</b>	500 p.p.i				
<b>Native Resolution</b>	256 gray levels				
<b>Certifications</b>	STQC/ UIDAI Level-0				
<b>Mechanical Durability</b>	2 million touches @ 2.45 N				
<b>Ingress Protection</b>	Designed to enable IP rating in end products				
<b>Scratch Resistance</b>	Durable lifetime coating, hardness ≥ 9H				

## Paper Specifications

<b>MediaType</b>	Thermal paper
<b>Paper Width</b>	58 mm
<b>Paper Length</b>	15 m
<b>Paper Roll Diameter</b>	35 mm
<b>Printer Language</b>	ESC- POS
<b>Manufacturer Warranty</b>	<p>Warranted against defects in manufacturing and materials for a period of 1 (one) year from the date of shipment. 6 months warranty on consumables (Battery and Charger)</p> <p>For the complete warranty statement, please visit: <a href="http://www.bulprints.in">www.bulprints.in</a></p>
<b>User Options</b>	Bluetooth

## ACCESSORIES



Cover



Paper Roll



SDK



USB Charger



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