BIOMETRIC MICRO-ATM PRINTER

PROWESS®

Fingerprint authentication and receipt printing in one rugged, Bluetooth-connected device.



Built-in fingerprint scanner. STQC-certified optical sensor, 500 dpi, supporting ISO 19794-2/4 and ANSI/INCITS 378 templates, with FBI PIV IQS certification.

Thermal receipt printing. 48 mm print width at 203 dpi, up to 65 mm/s, 1D and 2D barcodes, bitmap graphics and multilingual printing.

Works with your platform. Android, iOS, Windows and Linux. The universal ESC command protocol keeps integration simple.

Aadhaar Registered Device Service. Works with DesireTech's RD Service for secured biometric capture and authentication.

Wireless and wired. Bluetooth 5.0 with EDR, plus USB serial. Connection range up to 10 metres.

Long-lasting battery. 2600 mAh, 7.4 V lithium-ion battery. Prints 60 to 80 metres of paper on a single charge.

PRINTING	
Method	Thermal line
Effective print width	48 mm
Resolution	384 dots/line (8 dots/mm, 203 dpi)
Printing speed	Up to 65 mm/s
Fonts	Font A: 32 characters/line · Font B: 42 characters/line
Character size	Font A: 1.5 × 3.0 mm (12 × 24 dots) · Font B: 1.1 × 2.1 mm (9 × 17 dots)
Line spacing	3.75 mm, adjustable by command
Barcodes	1D and 2D
Graphics	Bitmap download and print (up to 5 bitmaps)

BIOMETRICS	
Fingerprint scanner	STQC-certified optical sensor
Template formats	ISO 19794-2/4 and ANSI/INCITS 378
Resolution	500 dpi
Image quality	FBI PIV IQS certification

CONNECTIVITY AND POWER	
Wireless	Bluetooth 5.0 with EDR
Wired	USB serial communication
Battery	Lithium-ion, 2600 mAh, 7.4 V
Charger	10.2 V / 1 A

SOFTWARE AND CERTIFICATION	
Operating systems	Windows, Linux, Android and iOS
Registered Device	Aadhaar Registered Device Service supported
Command protocol	ESC command sequence
Certification	STQC, BIS, RoHS
Origin	Made in India

Applications: e-KYC · Aadhaar Enabled Payment System (AePS) · Agency and branchless banking · Utility payments · Microfinance · NBFCs · Merchant pay · Identity management · Telecom · Parking solutions

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Specifications are subject to change without notice.