

# MVYOM7

## Strong Performance for Smooth Operation

Our Smart ePOS terminal is an all-in-one machine with high performance and is easy to use.

Mantra Softech is a Global Hi-Tech Manufacturer of Biometric Products and Solutions. We offer a Wide Range of Products in Biometric and RFID Industry.



# Strong Performance for Smooth Operation

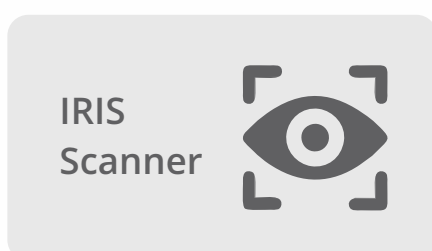
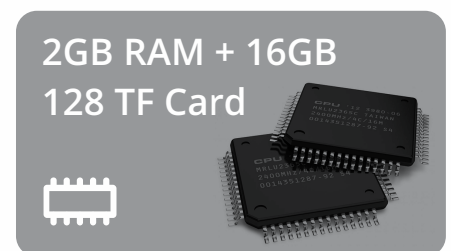
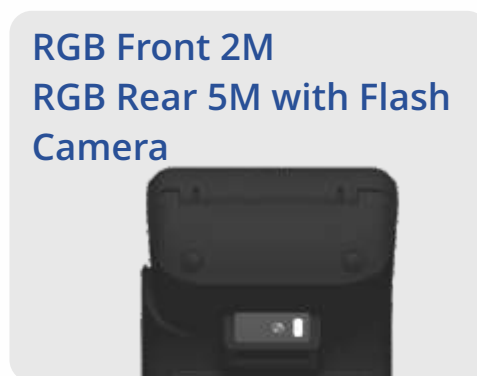


## Introduction

Mantra Softech introduces the MVYOM7, an all-in-one biometric ePOS that provides robustness for Handheld and Tabletop usage for Identity authentication by fingerprint, IRIS, or Card, as well as different payment collection possibilities due to its certification.

MVYOM7 integrates front and rear cameras, a barcode camera, a smart card reader, biometric sensors, and a printer, while the ePOS device combines Aadhaar-based finger biometric and IRIS scanners, Aadhaar-based OTP authentication, and an integrated thermal printer, capable of integrating with an Electronic Weighing Scale.

## Main Features



# Strong Performance for Smooth Operation

## Specification



### Hardware & System

Processor Speed	: Quad-Core 1.4GHz ARM Cortex-A53
GPU	: ARM Mali-T820 MP1
RAM	: 2GB
Inbuilt Storage (Memory)	: 16GB
Expansion Slot	: Supported upto 128GB TF Card



### Software

Operating System	: Android 10
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### Display & Touch

Display	: 5.5 Inch, 720X1280 Resolution,
Touch	: Multi point capacitive touch screen with tuffen glass



### Front, Rear, Bar Code Camera

Front Camera, Pixel Resolution	: RGB Front 2M
Rear Camera, Pixel Resolution	: RGB Rear 5M with Flash



### Interface

Wi-Fi	: WIFI 802.11 a/b/g/
BT	: Bluetooth 4.1
SIM & SAM Slot	: On Board SIM x1+PSAM x2
GPS	: Supported
Audio	: Supported
Ports	: 1X USB over POGO pin
Power Adapter	: DC 5V/3A through USB C Type
Battery	: 19.98Wh - 3.7V, 5400mAh
RTC	: Supported



### Smart Card Reader

Contactless Card (Optional)	: ISO14443 Type A/B Cards, MIFARE Classic / DESFire
IC Card	: ISO7816 EMV Standard
Mag-stripe Card	: Support 1/2/3 Track And Bi-directional Swipe



### Biometric Sensor

Fingerprint	: L1 & L0 Supported Fingerprint Sensor, STQC Certified (Integrated) Compliance, Test report and certification as per STQC / UIDAI
IRIS	: STQC Certified IRIS Sensor (Optional) Compliance, Test report and certification as per STQC / UIDAI



### Printer

Printer	: Integrated Thermal Printer, 58/40mm Paper Roll, Printing Speed 18 Lines/s
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## Specification



### Functions/Features

Terminal Management : Secured Remote Management Supported

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### Environment & Security

Compliance : Standalone POS Device Certification and compliance  
Drop Test#1 - Biometric Sensors : Fingerprint & IRIS devices as per STQC Guidelines  
Drop Test#2 - POS : Free Fall 100 mm - Test Passed 100mm ( Total number of Fall 2 )  
Free Fall 1m (Optional)

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### General Parameter

Connectivity : 2G/3G/4G LTE & Wi-Fi with GPS Support  
Connect Weighing Scale : Supported through Bluetooth  
External Keyboard : Supported through Bluetooth  
Camera Bar Code Reader : Supported (Optional)  
Indicator : Status Indicator provides ease of use & configurable.  
Casing : ABS  
Protection grade : IP54  
Operating Temperature : - 10°C~50°C  
Storage Temperature : - 40°C~60°C  
Operating Humidity : 5% to 95% Relative Humidity  
Dimensions : 240.0(L)\*100.0 (W)\*125.0 (H)mm  
Color : Optional (SILVER , BLACK)  
Weight : Approx 800 grams  
Mounting type : Table Top, Hand Held  
Certification : RoHS, CE & BIS  
Payment Certification : Optional

# MANTRA

[www.mantratec.com](http://www.mantratec.com)



**MANTRA**

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