

FAP60 Fingerprint Scanner

FPR-862

Product Specification

Version: V1.0



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Content

1.	Product Overview.....	4
1.1	Brief Introduction.....	4
1.2	Application.....	4
2.	Product Specification.....	4
2.1	Technical Parameters.....	4
2.2	Mechanical Dimension.....	5

1. Product Overview

1.1 Brief Introduction

MIAXIS® FPR-862 (OEM SM-862) is a slim FAP60 fingerprint Scanner compliant with FBI IEBTS Appendix F standards. Supports large area fingerprint capture, enables capture of super high fingerprint image quality.

1.2 Application

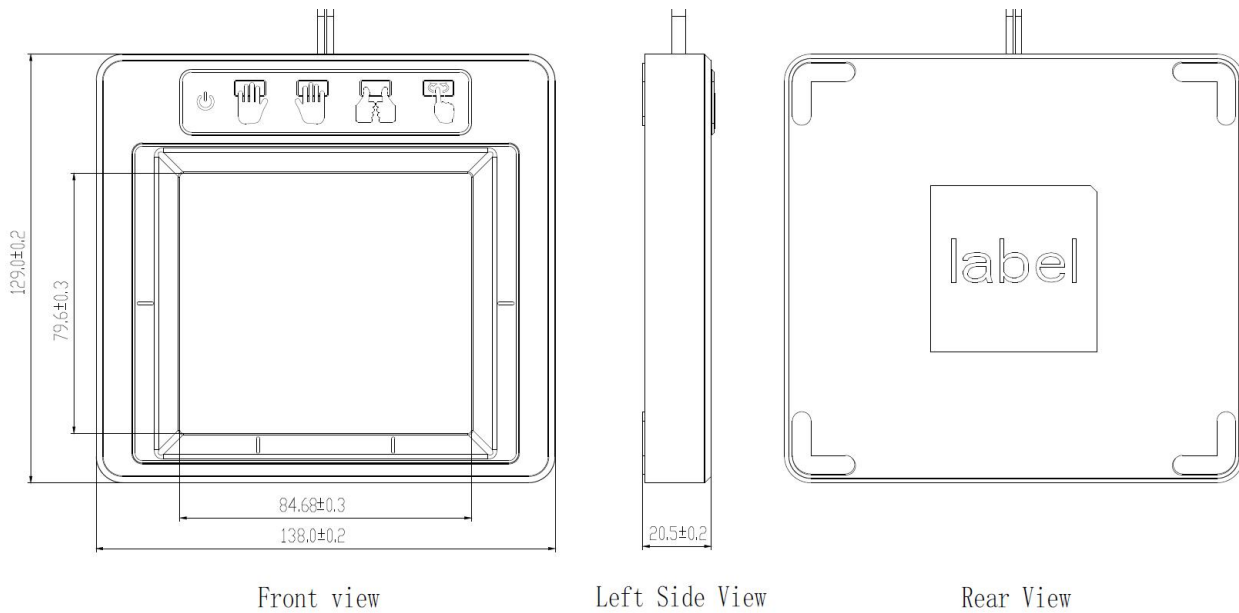
Ideal for identity verification, border control, law enforcement, and other biometric systems requiring precise fingerprint capture and analysis..

2. Product Specification

2.1 Technical Parameters

Specification	Detail
Product Size (L x W x H)	138.0mm x 129.0mm x 20.5mm
Sensor Area (L × W)	81.28mm x 76.2mm (Flat Fingerprints) 42.64mm × 38.1mm (Rolled Fingerprints)
Platen Size (L x W)	84.68mm×79.6mm
Weight	313g
Sensor Type	TFT Capacitive Sensor
Image Spec	FBI IEBTS Appendix F
Image Resolution	500 dpi
Image Size (W x H)	1600 × 1500 pixel (Flat Fingerprints) 800 × 750 pixel (Rolled Fingerprints)
Grey Scale	8bit, 256 levels
Image Format	RAW
Supply Voltage	DC5V±5% (USB powered)
Communication Interface	USB 2.0 Type-A
ESD Immunity (Sensor Surface)	±8kV contact discharge, ±15kV air discharge
Operating Temperature	0℃ to +50℃
Storage Temperature	-40℃ to +85℃
Operating Humidity	10%RH~90%RH, non-condensing
Ingress Protection	IP65 (Sensor Surface)

2.2 Mechanical Dimension



Mechanical Dimension (Unit: mm)

Note: The device FPR-862 supports standard USB communication interface, with 1.5m length USB cable (cable length optional)