MBAS® BS
Multi-Biometric Acquisition Station

MBAS® BS is a seamlessly integrated device to capture face and fingerprint data. The device minimizes time in enrolling biometric data, while it generates high-quality images in the real-world environments.

In order to capture good-quality facial images regardless of users' various heights, MBAS® BS adopts 8MP UVC camera that is controlled up and down to focus on a user's face. The device employs LE sensor technology for flawless enrollment of 4+4+2 and rolled prints. The monitor displaying hassle-free messages for biometric data enables users to follow the capturing process smoothly.

MBAS® BS is the perfect solution to capture biometric data in a wide variety of areas such as immigration clearance, national ID, and e-passport / visa issuance.

Patented LES (Light Emitting Sensor) technology

Fast biometric enrollment for fingerprints and face

High-quality images of fingerprints and face

Intuitive user interface through display

Field-proven Biometric Solution

Seamlessly Integrated Device
Biometric Enrollment & Authentication

Features

- Patented LES (Light Emitting Sensor) technology
- FBI Appendix F certification (FAP 60)
- Single finger flats & rolls, dual finger flats, and four finger slaps
- High-quality fingerprint and facial images
- 4.3" LCD loaded for easy and convenient use
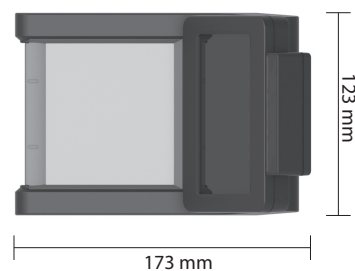- Ergonomic compact design

Applications

- Immigration check
- National ID, driver's license
- Criminal or civil AFIS
- e-Passport/visa issuance
- Background check system

Specifications

Sort	Item	Content
Hardware	Dimension (W x D x H)	123 x 173 x 200 mm (4.84 x 6.81 x 7.87")
	Monitor	4.3" TFT LCD
	Sound	2W Speaker
	Weight	890 g (1.96 lb)
	Interface	USB 2.0
	Operating Temperature	0 ~ 40˚C
	Operating Humidity	30~85% RH < 40℃
	Operating Voltage	DC 12V/2A
	Certification	KC, CE, FCC
Fingerprint Scanner	Sensor Type	LES (Light Emitting Sensor)
	Platen Size (W x L)	89 x 80 mm (3.5 x 3.15")
	Sensing Area	• Flats: 80 x 76 mm (3.2 x 3.0") • Rolls: 40 x 38 mm (1.6 x 1.5")
	Resolution	500 PPI, 256 grayscale dynamic range
	Image size	1,600 x 1,500 pixels
	Supported formats	RAW, JPEG2000, BMP, PNG, WSQ
	FBI certification	FBI Appendix F, PIV, FIPS 201, FAP 60
Face Camera	Sensor Type	High-resolution 8MP UVC
	Image Size	2,599 x 1,944 pixels (max.)
	Glass	AR coated Gorilla® glass
Software	SDK	MBAS® BS SDK
	OS	Windows 7, 8, 10

Top view

123 mm

173 mm

Side view

200 mm

Product specifications are subject to change without notice.