

Multimodal Biometric Device



iCAM M300

Multimodal Biometric PDA



- Multimodal – Iris & Face & Fingerprint (with M3-AM)
- High Speed Dual Iris Capture (Standards Compliant)
- 500 dpi Single Finger Sensor
- MRZ & Magnetic Swipe Card Reader
- IP54 Compliant - Dust & Water Resistant
- Connectivity - 4G LTE / HSPA+ / GSM / GPRS
- Wireless WAN & LAN, GPS
- Various Ready-to-use Accessories (Cradle, Direct Auto Charger Kit & rechargeable batteries)

Technical Specifications

iCAM M300

CPU	1.8GHz Octa-core processor
OS	Android 6.0 Marshmallow
Dimensions	139mm(H) x 73mm(W) x 21mm(D) 5.4inch(H) x 2.8inch(W) x 0.8inch(D)
Weight	250g (8.8oz) with 1860mAh Battery 300g (10.6oz) with 4000mAh Battery
Display	4.3Inch / WVGA(480x800)
Touch Panel	Capacitive touch (Optional : Resistive touch)
Operating Temperature	-20 C ~ 60 C (-4 F ~ 140 F)
Storage Temperature	30 C ~ 70 C (-22 F ~ 158 F)
Humidity	Non-condensing, 93%
Camera	13Mega Pixel Camera with Autofocus and LED Flash
Wireless WAN (World wide)	4G : Band1(2100), Band3(1800), Band7(2600), Band20(800) 3G : Band1(2100) 2G : GSM 900, 1800
Wireless WAN (US)	4G : Band2(1900), Band4(1700), Band5(850), Band17(700) 3G : Band2(1900), Band4(1700), Band5(850) 2G : GSM 850, 1900
Wireless LAN	IEEE 802.11 a/b/g/n/ac
GPS	Embedded A-GPS

Iris Camera

Camera	5MP B&W CMOS sensor
Operating Range	350±40mm(12.2"~15.3")
Resolution	Above 160 pixel/cm
Iris Capture Volume	130mm x 46mm x 80mm
Illumination	IR LED
Image	2592 x 920 x 30 Frame
Dimension	56mm(W) x 21mm(H) x 10mm(D)

Fingerprint Module 1 (M3-AM)

Sensor Type	Touch Area Sensor
Sensing Area	8mm x 8mm x 0.7mm (WxHxD)
Sensing Array	192 x 192 Pixel (508dpi)
Pixel Resolution	256 Gray scale values
1 Finger 1 Template Data	256 Byte

Fingerprint Module 2 (M3-IB45)

Sensor Type	Light-emitting sensor (LES) TFT camera
Sensing Area	40mm x 38mm (WxH)
Image Size	800 x 750 Pixels
Pixel Resolution	500ppi, 256 Gray scale values

OCR (MRZ Reader) (M3-AM)

Standard OCR Fonts	OCR-B and E13B
Machine Readable	2 lines of 44 characters
Passports (MRP)	
Machine Readable	2 lines of 44 characters, 2 lines of 36 characters
Visas (MRV)	
Travel Documents	2 lines of 36 characters, 3 lines of 30 characters
Field of View Object Height	19.6 mm nominal
Depth of Field	1.5 mm maximum from imager window

MSR (Magnetic Swipe Card Reader)

Magnetic Swipe Reader	Reads magnetic cards complying with ISO7811/2-5
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Accessories



Desktop Cradle



Snap on



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