

iCAM M300 Tech Specs

Hardware Features	
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 (480×800)
Touch Panel	Capacitive 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%
Face Camera	13 Mega 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±30 mm (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)
M3-AM: Fingerprint Module – OCR MRZ and Magstripe	
Finger Sensor Type	Optical Sensor
Sensing Area	14mm x 22mm x 0.7mm (WxHxD)
Pixel Resolution	500dpi, 256 Gray scale values
M3-AM: OCR (MRZ Reader)	
Standard OCR Fonts	OCR-B and E13B

Machine Readable Passports (MRP)	2 lines of 44 characters
Machine Readable Visas (MRV)	2 lines of 44 characters, 2 lines of 36 characters
Travel Documents Field of View Object	2 lines of 36 characters, 3 lines of 30 characters 19.6 mm nominal 1.5 mm maximum from imager window

M3-IB45: Fingerprint Module – FAP 45 Two-Finger Roll Sensor

Finger Sensor Type	LES (Light-Emitting Sensor)
Sensing Area	40mm x 38mm (1.6" x 1.5")
Pixel Resolution	500ppi, 256 Gray scale values

Available Options

Contact \ Contactless Card Reader	Battery pack M3-BTY-IDC includes contact card reader. Included battery supports contactless ISO compliant cards.
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