iCAM M300
Multimodal Biometric PDA

IRIS ID
Advanced Identity Authentication™

- Multimodal - Iris & Fingerprint
- 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
- Cradles, Direct Auto Charger Kit, Snap on FP Sensor

Technical Specifications

iCAM M300

CPU	1.8GHz Octa-core processor (SAMSUNG Exynos)
OS	Android 6.0 Marshmallow
Demensions (W x H x D)	73mm x 139mm x 21mm (2.8" x 5.4" x 0.8")
Weight	250g (8.8oz) with 1860mAh Battery
	300g (10.6oz) with 4000mAh Battery
Display	4.3 inch / WVGA (480x800)
Touch Panel	Capacitive touch (Optional : Resistive touch)
Operating Temperature	-20℃ – 60℃ (-4°F – 140°F)
Storage Temperature	-30℃ – 70℃ (-22°F – 158°F)
Humidity	0% – 93% Non-condensing
Storage Temperature	-4°F – 203°F (-20℃ – 95℃)
Humidity	0% – 95% Non-condensing
Camera	13Mega Pixel Camera with Autofocus and LED Flash
Wireless WAN	Gemalto PLS8-E, 4G LTE support : 800, 900, 1800, 2600MHz
	UMTS / HSPA+, Triple band : 900, 1800, 2100MHz
	GSM / GPRS / EDGE, Dual band : 900, 1800MHz
Wireless LAN	IEEE 802.11 a/b/g/n
Bluetooth	Bluetooth 4.0+HS
GPS	Embedded A-GPS

Enroll Fingerprint

Passport User Info

Enroll Iris

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 (5.1" x 1.8" x 3.1")
Illumination	IR LED
Image	2592 x 920 x 30 Frame
Dimension (W x H x D)	56mm x 21mm x 10mm (2.2" x 0.8" x 0.4")

Fingerprint Module

Sensor Type	Touch Area Sensor
Sensing Area (W x H x D)	8mm x 8mm x 0.7mm (0.3" x 0.3" x 0.03")
Sensing Array	192 x 192 pixel (508 dpi)
Pixel Resolution	256 gray scale values
1 Finger 1 Template Data	256 Byte

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	2 lines of 36 characters, 3 lines of 30 characters
Field of View Object Height	19.6mm nominal
Depth of Field	1.5mm maximum from imager window

MSR (Magnetic Swipe Card Reader)

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

Accessories

Desktop Cradle

Snap On

IRIS ID AUTHORIZED RESELLER

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