

Multimodal Biometric Device

iCAM RP70 Preliminary



Multimodal Biometric Ruggedized Tablet



- Multimodal : Iris, Face & Fingerprint
- High Speed Dual Iris Capture (Standards Compliant)
- FBI Certified Multi-fingerprint Scanner (FAP45)
- Windows 10 & Intel Quad core Processor
- IP65 Compliant - Dust & Water Resistant
- Diverse Connectivity - 4G LTE / HSPA+ / GSM / GPRS
- Hot Swappable & User Replaceable Battery

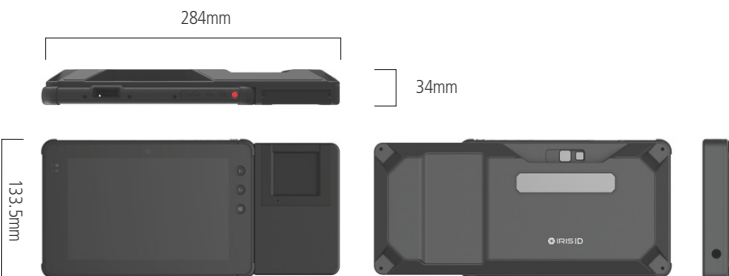
Technical Specifications

iCAM RP70

CPU	Intel Cherry Trail Z8350, 1.9GHz Quad core processor
OS	Windows 10 IoT Enterprise
Dimensions	284mm(H) x 133.5mm(W) x 34mm(D)
Weight	600g
Display	7 Inch / WXGA (800x1280), 700 nits
Touch Panel	Capacitive touch
Sealing	IP65
Humidity	Non-condensing, 93%
Operating Temperature	-20 C ~ 60 C (-4 F ~ 140 F)
Storage Temperature	30 C ~ 70 C (-22 F ~ 158 F)
Camera	Rear 8.0MP Auto Focus with LED Flash / Front 2.0MP
2D Imager	2D Imager (Honeywell)
Wireless WAN	4G LTE / HSPA+ / GSM / GPRS Frequency band EU 4G LTE : 800, 900, 1800, 2100, 2600MHz 3G HSPA+ : 900, 1800, 2100MHz 2G GSM/GPRS : 900, 1800MHz
Wireless LAN	IEEE 802.11 a/b/g/n/ac
Bluetooth	Bluetooth 4.0+HS
GPS	A-GPS



Mechanical Drawing



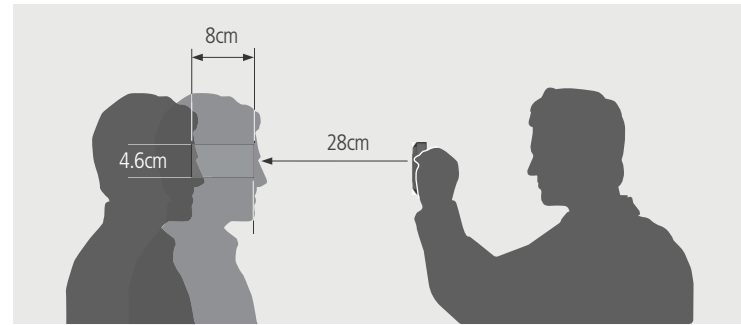
Iris Camera (Opal)

Camera	5MP B&W CMOS sensor
Operating Range	320±40mm(11" ~ 14")
Resolution	ISO 29794-6 Compliant 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 (Sherlock)

Resolution	Touch Area Sensor
Sensing Area	1.6" (W) x 1.5" (H)
Image Size	800 (W) x 750 (H) Pixels
Scanner Physical Size	65.4mm x 616.6mm x 14.3mm
Interface	USB 2.0
Certification	Mobile ID IQS FAP 45, PIV, GSA FIPS 201, FBI Appendix F Certified
Speed	>10 fps: 1.6 GHZ Atom Z530 Processor
Weight	60g
IP65	Sealed Bezel to Scanning Surface
OS Support	Window7, Window8, Linux, Android 4.0
Surface Durability	MIL-C-675c 4.5010, MIL-STD-810F

Capture Volume



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