

# RP70A BIO

EID & Biometric Reading Tablet



GEN2WAVE



- Law Enforcement & Public Services
- Border Control
- Benefit Delivery
- Compulsory ID Registration
- Membership Management
- Customer Registration

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EID & Biometric Reading Tablet

## SPECIFICATIONS

Description		
CPU	1.8 GHz Hexa-core CPU Cortex A72 Dual-core 1.8GHz Cortex A53 Quad core 1.4GHz	
OS	Android 8.1 Oreo	
Memory	RAM 4GB, ROM 32GB (64GB/128GB optional)	
Physical Characteristics		
Dimensions	213mm(H) x 195.3mm(W) x 30.55mm / 20.95mm(D)	
Weight	850g	
Display	7.0Inch / WXGA (1280x800)	
Touch Panel	Capacitive Touch / Gorilla Glass	
Display Visibility	700 nits (cd/m <sup>2</sup> )	
Keypad [ Input ]	3 Front Keys, 5 Side Keys [Programmable]	
Interactive Sensor Technology	Motion-sensor : 3 axis accelerometer Ambient Light Sensor	
Battery	Li-Polymer 10,050mAh [embedded]	
Audio	Dual Speaker / MIC	
User Environment		
Operating Temperature	-20℃ ~ 60℃	
Storage Temperature	-30℃ ~ 70℃	
Humidity	Non-condensing, 93%	
Drop/Sealing	1.2m (4 ft.) drop to concrete / IP65 [RP70A]	
Integrated Radios		
Wireless (WWAN)	Frequency band EU (USA Optional) 4G LTE : 800, 900, 1800, 2100, 2600MHz 3G HSPA+ : 900, 2100MHz 2G GSM/GPRS : 900, 1800MHz	
Wireless LAN	IEEE 802.11 a/b/g/n/ac	
Bluetooth	Bluetooth 4.2 BLE	
GPS	A-GPS, GLONASS (optional)	
Connectivity		
Communication Interface	Tablet Side : USB3.0A Host, USB2.0 OTG External Serial RS232C	
SAM Slots	2 SIM/2 SAM slots	
Others		
Notification	Vibration and Charging LED	
Data Capture		
Camera	13MP Rear Camera / 2.0MP Front Camera	
Scanner	2D Imager (Zebra SE4710)	
NFC	Integrated NFC Reader (NXP PN548)	
OCR (MRZ)	Font	OCR B
	MRZ Lines	MRZ Lines : 1 line : IDL, CAN, etc

OCR[MRZ]	MRZ Lines	MRZ Lines : 2 line : ID2 cards, ePP 3 line : eID
Fingerprint Module	Module	BM-Slim 2 Suprema
	Sensor Type	Optical Sensor
	Sensing Area	16.5mm(W) x 21mm(L)
	Pixel Resolution	500 dpi
	Gray Scale	256 level
	Output Image Format	RAW, BMP, WSQ, ISO 19794-4
Dual Iris Scanner	Image Quality Standards	FBI PIV certified, FBI Mobile ID FAP 20 certified
	Camera	5MP B&W CMOS sensor
	Operating Range	320±40mm (11"~14")
	Resolution	Above 160 pixel/cm
	Iris Capture Volume	130mm x 45mm x 80mm
	Illumination	IR LED
	Image	2592 x 920 x 30 Frame IR LED

## ACCESSORIES



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