

# RP70A BIO

EID&Biometric Reading Tablet



GEN2WAVE



OCR/MRZ Reader



NFC Reader



Smartcard Reader



Fingerprint Reader



Dual Iris Scanner



Facial Recognition Camera



2D IMAGER



2SIM/2SAM



4G LTE



AGPS



13MP / AF



WiFi/b/g/n/ac



Bluetooth 4.2



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

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## 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°C ~ 60°C
Storage Temperature	-30°C ~ 70°C
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, 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	
	Format	FBI PIV certified, FBI Mobile ID FAP 20 certified	

Image Quality Standards		
Dual Iris Scanner	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



## Gen2wave Co., Ltd.

7th fl., Point town B/D, Gumi-ro 11, Bundang-gu, Seongnam-si,  
Gyeonggi-do, #13637, Rep of Korea  
T +82 [0]31 607 7537 F +82 [0]31 608 7537

Distributed by

MetaDolce Technologies, Inc.  
4500 Park Granada, Ste. 202  
Calabasas, CA 91302

Contact: Norm Wirz-nwirz@metadolce.com  
VP Sales & Business Development  
MetaDolce Technologies, Inc.

Toll Free: (888) 449-8013  
Mobile: (618) 581-7533  
www.metadolce.com