



RFGate Mil900 UHF Mobile RFID Reader

MECHANICAL CHARACTERISTICS

Ingredients	CNC Aluminum + Nylon (Bayer)
Dimensions	Profile 160x82x129 mm
	Grasp 111x38x47 XX
Weights	640 g (Battery included/Standard version)

APPLICATION ENVIRONMENT

Business Temperature	-20 , + 60° + .(f
Storage Temperature	- 40° + .(f
Humidity	5% RH-95% RH (Non-condensing)
Protection Class	IP64
Safety Downgrade Height	2 m/6,56 ft.

WIRELESS CONNECTIONS

WIFI	IEEE802.11b/g/Y
Bluetooth	Bluetooth 4.0
3G	Huawei MU 609 / Vehicle Class (Optional)
4G	Huawei ME 909s / Vehicle Class (Optional)

SYSTEM FEATURES

Operating System	Android 12.0
Processor	Quad Core Cortex-A17 / 1.8 GHz
GPU	ARM Mali-T764 / High Performance 3D Motor
Data Repository	2G >B77D+ 4G LPDDR3 (Optional)
ROM	32GEMMC5.0 64G EMMC 5.0 (Optional)
LCD	5,0 inç / 1280*720 / IPS / 180° Viewing Angle
Touch Screen	1.1 m Thick Tempered Glass / 10 Dot Touch / With Glove Operable
Hot Barter Battery	Pistol Style Can be Changed on the Run Battery System
PSAM	PSAM*2 / TI TCA5013 (Optional)
Buttons	
Power / Volume *2	3 ALPS Button / Operating Power 2.2N / Working Life 600,000 Cycle
Function Keys	3 ALPS Button / Operation RnNNn 2.2 N / Operating Life 600,000 Cycle
Scanning Trigger	OMRON Button / Operating Power 1.27 N / Working Life 10,000,000 Cycle
Power	mAh Rechargeable Li-polymer
Card Slots	Micro SIM Card Slot / PSAM Card Slot *2
USB Interface	Micro USB / MOLEX Connector / Operating Life 10,000 OmYRn
Voice	Big Speaker Stereo System
Vibrator	Button Style /10 mm diameter
Charging	Tricolor > 87

DATA COLLECTION

1 D Barcode (Optional)

Engine	Symbol E81--
Support	UPC / EA Symbol SE955N / Code128 / Code 39 / Code 93 / Code 11 / Intermittent 2/5 Discrete 2/5 / Codabar / MSI/RSS etc.

2 D Barcode (Optional)

Engine	Symbol E8, /-(
Support	Data Matrix / QR Code / PDF417 / USA Planet Planet / UK Post etc.

UHF RFID

Engine	Impinj Indy R2000 chip
Cymbal	Ø12*9,5mm / 2300±300Hz
Protocol	EPC Global UHF Class 1 Gen 2 / ISO 18000-6C / ISO) 0 (((%5
Working Frequency	840-960MHz
Output RnNn	0-33 05X
Inventory Summit Speed	> 500 Label/sec
UHF Antenna	3 dBi Circular Polarized Antenna
Reading Distance	6-7 m (Tested Label: Impinj E41b)
Supported Regions	EN 302 * (0
Camera (Optional)	13 Megapixels / Autofocus / Flashlight
Global Positioning System	GPS and GLONASS