## Specification

## Physical Characteristics

DIMENSION (W x H x D mm)	78.6 x 165.5 x 24.9 / 3.1 x 6.5 x 0.9 inch
	78.6 x 165.5 x 40.2 (with HF reader)
	78.6 x 165.5 x 38.9 (with UHF reader)
WEIGHT	332 g / 11.7 oz. (including battery)
	362 g (with HF) / 389 g (with UHF)
DISPLAY	3.5" QVGA TFT LCD 240 x 320 pixels
BATTERY	Li-lon, 3.7 V, 3,300mA

## Performance Characteristics

MULTI -	CPU	Cortex-A8 833MHz	
PROCESSOR	Radio	ARM 11 series	
OS	Windows Embedded Handheld 6.5		
	Windows Embedded CE 6.0		
MEMORY	RAM	256 MB	
	ROM	1 GB	
	Card Slot	Micro SD, up to 32 GB	
INTERFACE	USB Host 1.1 / Client 2.0		

## **User Environment**

Operating - 20 to 50°C / - 4 to 122°F		
Storing - 30 to 70 ° C / - 22 to 158 ° F		
93% non-condensing		
1,000 1.6 ft. / 0.5 m tumbles (2,000 drops)		
1.8 m / 6 ft.		
IP65		

- \* Visit www.m3mobile.net for more information.
- \* The contents of this brochure were written based on the "current state" of the product, and the details are subject to change without the prior notice.

## Wireless Radio Options

WWAN	2.5G	Quad band: GSM/GPRS/EGPRS		
		(850 / 900 / 1800 / 1900 MHz)		
WLAN	IEEE 80	IEEE 802.11 b/g/n		
SECURITY	WEP, V	WEP, WPA, WPA2, TKIP, AES, EAP-FAST,		
	EAP-TL	EAP-TLS, EAP-TTLS, PEAP-GTC, PEAP-TLS,		
	PEAP-I	PEAP-MSCHAPv2, LEAP, CCXv4		
BLUETOOTH	Class II	Class II, v2.0 with EDR		
RFID	HF	13.56 MHz		
	Tags	ISO 14443 A / B, ISO 15693, I-Code		
	SAM	1 SAM / 2 SAM (optional)		
	UHF	868~956 MHz		
	Tags	EPC C1 G2		
GPS	A-GPS			

## **General Options**

	SCANNER	1D Laser, 2D Imager	
	CAMERA	3.2 M AF	
	KEYPAD	31 key Alpha-Numeric	
		50 key QWERTY, AZERTY	

## Certifications



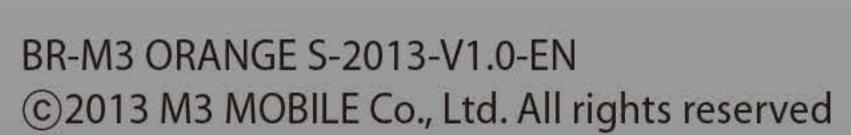














## Common Accessories



















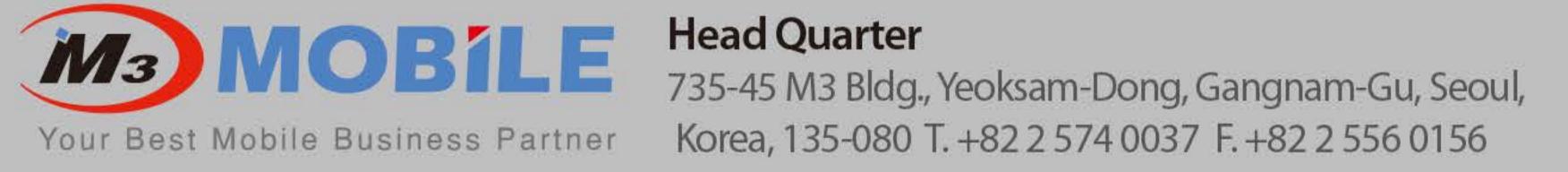












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## Distributed by

# M3 ORANGE 5 Top Rated Multi-Functional Industrial PDA

Cortex-A8 833MHz CPU Windows Embedded Handheld 6.5 / Windows Embedded CE 6.0 Integrated RFID Reader (HF / UHF) 1D Laser / 2D Imager 3.2M Pixels Auto Focus Camera WLAN IEEE 802.11 b/g/n IP65, 1.8M Drop A-GPS





## M3 ORANGE S

M3 ORANGE S boasts enhanced updated OS and CPU. Multiple OS support and Cortex-A8 833MHz are applied so you can meet totally different and new feature. Its design has also been evolved to give more refined and compact look by applying intenna and black finish. Furthermore, battery lock is replaced with slide type instead of previous rotate type for customer satisfaction. battery endurance for tough environment upgrades your work efficiency and satisfaction as well.



#### Extra Accessories

Extra Accessories specifically designed for M3 ORANGE S enhances the PDA's functionality and broaden its applicable area. Its wide range of extra accessories will make M3 ORANGE S to be suitable virtually in any environment.



#### Cradles

M3 ORANGE S has various types of cradle for charging and DataSync. Besides the basic Single Slot Cradle, Single Slot Ethernet Cradle can be used for Ethernet and Vehicle Cradle is for charging M3 ORANGE S device in the car. And GPS function can also be used while charging the device through the optional GPS.

#### Pistol Grip (scanner)

Optional pistol grip is for scan-intensive environments. This handy equipment will improve your ergonomics and increase your satisfaction.



#### Snap-on

Snap-on provides almost the same functions of cradle but is optimized for using field environment.

#### Etc

There are other accessories; Charging Holster and Leather Case for M3 ORANGE S.

Charging holster is a portable battery charger which is the best solution for field service area.

To be handy for carrying and protect M3 ORANGE S from any circumstances, a leather case will be a good solution. Users can choose belt type or strap type with this optional accessory.





orging Holston

<le>ather Case

#### **Features & Benefits**



#### Multi OS Support

Windows Embedded Handheld 6.5 and Windows Embedded CE 6.0 is available in M3 ORANGE S. These latest operating system provides intuitive user interface.



#### ARM v7 Cortex-A8 833MHz

Powerful CPU speed with "High-Tier" guarantees faster graphic process and memory access.



#### IP 65 Sealing, 1.8m Drop (Ingress Protection, Drop to steel surface)

M3 ORANGE S is suitable to use in a tough environment; withstands drop from 1.8m and protects against dust and water.



#### 1D/2D/RFID

Superior scanner / RFID application provides real-time data capture and automatic data processing so that you can expect flexibility of work and cost-efficiency.



#### 3.2M Pixels AF Camera

High resolution and auto focused functionality capture clear images of product and/or documentation.



#### **Multi-function QWERTY Keypad**

Multi functional keys of QWERTY keypad are designed for versatile performance. As hot keys, these are going to make the direct access be possible and increase users' working speed.



Battery (Li-lon 3.7V 3,300mA)

M3 ORANGE S' smart battery provides accurate remaining battery capacity so that the user can efficiently plan the usage of the PDA. Also, its large capacity is suitable for long time shifts.



#### Multi-mode Radio (802.11 b/g/n, Bluetooth)

Wireless data transmission through world leading WLAN and Bluetooth make your business easier and more comfortable.

#### → Applicable Area









<Distribution>

<Food & Beverage>

<Logistics>

<Public>

M3 ORANGE S, like other M3 Mobile products, can be used at warehouse management, logistics, government branches, asset management and so on. With its enhanced hardware and upgraded operating system, M3 ORANGE S meets users' needs well and that make it possible to apply to various work environments.