Specification

Physical Characteristics

DIMENSION (W x H x D mm)	78.6 x 166.2 x 24.9 / 3.0 x 6.5 x 0.9 inch	
	78.6 x 165.5 x 40.2 (with HF reader)	
	78.6 x 165.5 x 39.8 (with UHF reader)	
WEIGHT	332 g / 11.7 oz. (including battery)	
	362 g (with HF) / 389 g (with UHF)	
DISPLAY	3.5" QVGA / VGA TFT LCD, 240X320 pixels	
BATTERY	Li-Ion, 3.7 V, 3,300mA	

* VGA is available from 2Q, 2012.

Performance Characteristics

MULTI - PROCESSOR	CPU	Marvell Xscale PXA-320 806MHz
	Radio	ARM9 series
OS	Windows Mobile 6.5	
MEMORY	RAM	256 MB
	ROM	1 GB
	Card Slot	Micro SD, up to 32 GB
INTERFACE	USB Host 1.1 / Client 1.1	

User Environment

TEMPERATURE	Operating	- 20 to 60 °C / - 4 to 140°F
	Storing	- 30 to 70 °C / - 22 to 158°F
HUMIDITY	93% non-condensing	
DROP TEST	1.5 m / 5 ft.	
IP RATING	IP67	

* 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.

Basic Accessories

Adaptor	Stylus pen	Battery	Cradle	USB cable

Wireless Radio Options

WWAN	2G Network	GSM (850/900/1800/1900 MHz)
	3G Network	HSDPA (850/1900/2100 MHz)
WLAN	IEEE 802.11 a/b/g	
SECURITY	WEP, WPA, WPA2, TKIP, AES, EAP-FAST, EAP-TLS, EAP-TTLS, PEAP-GTC, PEAP- TLS, PEAP-MSCHAPv2, LEAP, CCXv4	
BLUETOOTH	Class II, v2.0	
RFID	HF	13.56 MHz
	Tags	ISO 1443 A / B, ISO 15693, I-Code
	UHF	868~956 MHz
	Tags	EPC C1 G2
GPS	AGPS	

General Options

SCANNER	1D, 2D	
CAMERA	3.0 M AF	
KEYPAD	31 key	Alpha-Numeric
	50 key	QWERTY

Certifications

CE FC UL ANATEL CISCO Compatible RoHS Compliant MIL STD 810G

M3 ORANGE

Fully Rugged Industrial PDA

PXA-320 806MHz
Windows Mobile 6.5
1D / 2D Scanner
3.0M Pixels Auto Focus Camera
Integrated 13.56MHz RFID Reader
Bluetooth Class II, v2.0 with EDR
HSDPA / EDGE / GPRS / GSM
WLAN IEEE 802.11 a/b/g
IP67 Sealing 1.5M Drop
Smart Battery

Windows Mobile™   Bluetooth™   SUMMIT   wavelink

M3 MOBILE
Your Best Mobile Business Partner

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M3 MOBILE
Your Best Mobile Business Partner

M₃ ORANGE

M3 ORANGE boasts enhanced hardware and updated OS. The latest version of operating system, Windows Mobile 6.5, is 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, front panel scan button in both Alpha-Numeric and QWERTY keypads, and battery endurance for tough environment upgrades your work efficiency and satisfaction as well.

Extra Accessories

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

Cradles

M3 ORANGE 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 device in the car. And GPS function can also be used while charging the device through the optional GPS.

<Single Slot Ethernet Cradle>   <Vehicle Cradle>

Pistol Grip

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.
Charging holster is a portable battery charger which is best solution for field service area.
To be handy for carrying and protect M3 ORANGE from any circumstances, a leather case will be a good solution. Users can choose belt type or strap type with this optional accessory.

<Charging Holster>   <Leather Case>

* Accessory's manual can be downloaded from M3 Mobile's webpage
www.m3mobile.net

Features & Benefits

Windows Mobile 6.5
Windows Mobile 6.5 operating system provides new today screen and faster speed of response time of touch screen. Also, its scrolling display is very finger-friendly to use work applications.

Marvell PXA-320 806MHz
Powerful CPU speed with "High-Tier" guarantees faster graphic process and memory access.

IP 67 Sealing, 1.5m Drop
(Ingress Protection, Drop to steel surface)
M3 ORANGE is suitable to use in a tough environment; withstands drop from 1.5m 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.

3.0M 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-Ion 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 a/b/g, Bluetooth)
Wireless data transmission through Summit WLAN and Bluetooth make your business easier and more comfortable.

Applicable Area

<Logistics>   <Manufacturing>   <Construction>   <Distribution>

M3 ORANGE, 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 meets users' needs well and that make it possible to apply to various work environments.