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" VGA TFT LCD 480 x 640 pixels
BATTERY	Li-Ion, 3.7 V, 3,300mA

Performance Characteristics

MULTI - PROCESSOR	CPU	Cortex-A8 833MHz
	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

TEMPERATURE	Operating	- 20 to 50°C / - 4 to 122°F
	Storing	- 30 to 70 °C / - 22 to 158°F
HUMIDITY	93% non-condensing	
TUMBLE TEST	1,000 1.6 ft. / 0.5 m tumbles (2,000 drops)	
DROP TEST	1.8 m / 6 ft.	
IP RATING	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	2G	GSM / GPRS / EDGE: Quad band (850 / 900 / 1800 / 1900 MHz)
	3.8G	UMTS / HSPA+: Five band (800/850/AWS/1900/2100 MHz)
WLAN	IEEE 802.11 b/g/n	
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 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

CE FC UL KC cisco Compatible RoHS Compliant MIL-STD-810G ANATEL

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Common Accessories

Adaptor | Stylus pen | Battery | USB cable | Cradle | Snap-on

Windows Mobile™ Microsoft Windows CE Bluetooth SUMMIT wavelink SAP Partner

M3 MOBILE
Your Best Mobile Business Partner

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Distributed by

M3 ORANGE+

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
HSPA+ / EDGE / GPRS / GSM
WLAN IEEE 802.11 b/g/n
IP65, 1.8M Drop
A-GPS



SAP Partner
SAP® Software

M3 MOBILE
Your Best Mobile Business Partner

M3 ORANGE+

M3 ORANGE+ 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.

SAP Partner
SAP® Software



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.



<Four Slot Ethernet Cradle>
<Vehicle Cradle>
<Single Slot Ethernet Cradle>

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.

Pistol Grip (scanner)

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



<Pistol Grip>



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 the 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>

* Each extra accessory's manual can be downloaded at M3 Mobile webpage.
www.m3mobile.net

Features & Benefits

Multi OS Support
Windows Embeded Handheld 6.5 and Windows Embedded CE 6.0 is available in M3 ORANGE+. 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+ 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-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 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+, 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.