

# Specification

## Physical Characteristics

DIMENSION (W x H x D)	78.6 x 163.5 x 24.9 mm
	3.0 x 6.4 x 0.9 inch
WEIGHT	320 g / 11.2 oz. (including battery)
	343 g (With RFID)
DISPLAY	3.5" QVGA TFT LCD, 240X320 pixels
BATTERY	Li-Ion, 3.7 V, 2,200mA / 4,400mA (extended)

## Performance Characteristics

MULTI - PROCESSOR	CPU	Marvell Xscale PXA-270 624MHz
	Radio	ARM9 series
OS	Windows Mobile 6.1	
MEMORY	RAM	128 MB
	ROM	256 MB
	Card Slot	Micro SD(default) / Mini SD, up to 32 GB
INTERFACE	USB Host 1.1 / Client 1.1	

\* Micro SD is the default SD card slot from December of 2012.

## User Environment

TEMPERATURE	Operating	-20 to 60 °C / -4 to 140 °F
	Storing	-30 to 70 °C / -22 to 158 °F
HUMIDITY	90% non-condensing	
DROP TEST	1.5 m / 5 ft.	
IP RATING	IP65	

\* Visit [www.m3mobile.net](http://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



## Wireless Radio Options

WWAN	2G Network	GSM (850/900/1800/1900 MHz)		
	3G Network	HSDPA (850/1900/2100 MHz)		
WLAN	IEEE 802.11 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, v1.2			
RFID	HF	13.56 MHz	SAM Slot	2 slots
	Tags	ISO 14443 A / B, ISO 15693, I-Code		
	LF	125 KHz and 134.2 KHz		
	Tags	EM4x02, EM4x05 (ISO FDXB), EM4x50 Q5, TI-RFID SYSTEMS, Hitag 1, S and 2		
GPS	AGPS			

## General Options

SCANNER	1D, 2D		
CAMERA	2.0 M AF		
KEYPAD	31 key	Alpha-Numeric	
	53 key	QWERTY, AZERTY	

## Certifications



BR-M3 SKY-2013-V1.5-EN  
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# M3 SKY

## Slim and Light PDA

PXA-270 624MHz  
Windows Mobile 6.1  
GPS, Bluetooth, LF(125KHz) / HF(13.56MHz) RFID  
1D / 2D Scanner  
2.0M Pixels Auto Focus Camera  
WLAN IEEE 802.11 b/g  
Alpha-Numeric / QWERTY / AZERTY Keypads



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# M3 SKY

M3 SKY series is the most popular product of M3 Mobile in worldwide. It supports WWAN, Scanner, HF-RFID, LF-RFID, GSM, HSDPA, 1D and 2D scanner depending on its model and options. Also, Alpha-Numeric, QWERTY and AZERTY optional keypads enhances the work environment. Furthermore, its wide range of available accessories makes it virtually suitable for any application. The flexible options and performance will give you satisfaction and cost efficiency.



## Extra Accessories

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



### Cradles

M3 SKY 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 SKY device in the car. And GPS function can also be used while charging the device through the optional GPS. Also, 4-Slot Ethernet Cradle, combined with 4 cradles all together, charges four of M3 SKY device at the same time and is able to be DataSync with PC.

### 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, Leather Case and Extended battery for M3 SKY. Charging holster is a portable battery charger which is best solution for field service area. To be handy for carrying and protect M3 SKY from any circumstances, a leather case will be a good solution. Users can choose belt type or strap type with this optional accessory. Extended battery, which is Li-Ion 3,7V 4,000mA, will be useful where the PDA cannot be re-charged.



## Features & Benefits



### Slim & Light

M3 SKY is slim and light but rugged. It can be used for ticketing and/or asset management wherever the mobile device is needed.



### 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.



### IP 65 Sealing, 1.5m Drop

(Ingress Protection, Drop to steel surface)

M3 SKY is suitable to use in a tough environment; withstands drop from 1.5m to steel and protects against dust and water.



### Multi-mode Radio

(802.11 b/g, Bluetooth, IrDA)

Various data transmission methods make your business easier and more comfortable.



### Endurance for temperature

M3 SKY can be operated within -20°C to 60°C and its storage temperature is -30°C to 70°C. It will guarantee the normal function at any temperature of working environment.



### 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 2,200mA / 4,000mA)

Extended battery is suitable for long shift duration. M3 SKY can be used even in a non-rechargeable environment with long lasting battery.



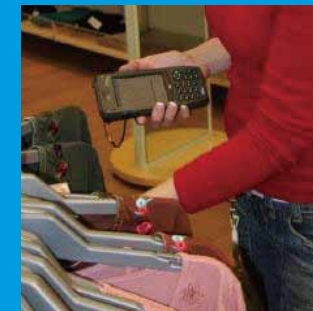
### Military STD-810F

The MIL-STD-810F certification demonstrates the ruggedness of the M3 SKY and its appropriateness for use on extreme conditions such as military operations, field service and warehouse management.

## Applicable Area



<Public>



<Distribution>



<Logistics>



<Door to Door Sales>

M3 SKY series' slim body and light weight will lead you to work at ease. Also, its strength against external impact enables you to carry M3 SKY series anywhere you need to process data not only in a warehouse with full of stuffs but also in tough outside environment. It has been already deployed and widely used in various field such as Logistics, Government branches, Asset management and so on. Its ways to collect data via scanner, RFID, camera and Bluetooth make it possible to play a role as an excellent companion of your work.