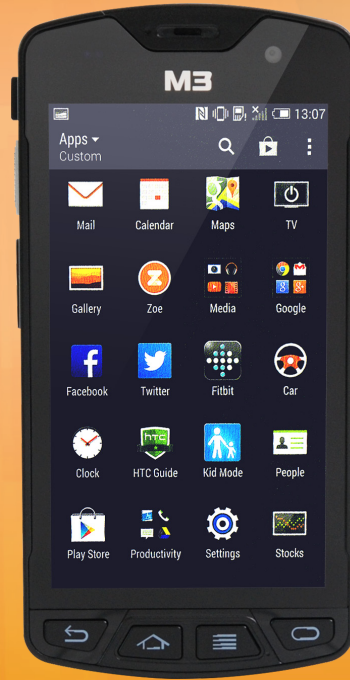# iDTRONIC
PROFESSIONAL RFID

Handheld Computer
M3 SM10

Features

- Android 4.3 OS
- 1.2 GHz Quadcore CPU
- 5" full touch HD Screen
- Google Play Market
- Li-ion 3.8 V Battery
- WWAN/WI-FI/GPS/Bluetooth
- 1D/2D Barcode Scanner
- 8M (rear) / 2M (front) camera
- NXP MIFARE support
- IP65
- ETSI & FCC qualified

RFID Option

- **HF/NFC** (ISO14443, ISO15693)

Description

Smartphone with modern design and usability meets industrial durability - The M3 SM10 Handheld Computer with Near Field Communication (NFC) is the perfect choice for those who seek a rugged mobile device with enterprise-class Android OS and user centered design.

Featuring a bright 5 inch high-resolution full-touch HD screen with scratch resistant Gorilla Glass 3, a powerful 1.2 GHz Quadcore processor with 1 GB RAM as well as numerous wireless communication and data capture capabilities, this compact Handheld is built for everyday business use.

The optional integrated 1D or 2D barcode scanners are capable of rapid data capture and processing. It outperforms all common scanners and therefore increases productivity and profitability.

M3 SM10 is equipped with an 8 Mega Pixel rear, and 2 MP front cameras with auto focus which enable easy capture of high-res photos, videos and more. It has an IP65 rating and is built to withstands 1.5meters / 4.9 feet drop test and temperatures down to -20°C.

Robust Handheld Computer SM10 features multiple wireless communication options like Wireless Wide Area Network, WI-FI and Bluetooth v.4.0, which offer a new level of flexibility. Combined with the low power consuming sytem and long-lasting 4,100mAh standard battery, users can work mobile for many hours.

| NFC | 1D/2D | WWAN/3G | GPS | Bluetooth | Wi-Fi | Touch Screen | IP65 | Camera | Android OS |

Technical Data

Physical Characteristics

Dimension (W x H x D)		76.4 x 154.8 x 21.6 millimeters
		3 x 6.09 x 0.85 inches
Weight (incl. battery)		336 grams / 11.8 ounces
Display		5″ HD TFT LCD (1280 x 720)
Camera	Front	2MP Auto Focus
	Rear	8MP Auto Focus
Battery	Standard	Li-ion 3.8 V 4,100mAh
	Extended	Li-ion 3.8 V 6,150mAh

Performance Characteristics

Processor	CPU	1.2 GHz Quadcore
OS		Android 4.3 Jelly Bean
Memory	RAM	1 GB
	ROM	8 GB
	Card Slot	Micro SD (up to 32 GB)
Interface		Docking connector; Micro USB
Sensors		G-Sensor, Proximity Sensor Motion Sensor, Light Sensor

User Environment

Temperature	Operating	-20 to 60° C
	Storing	-30 to 60° C
Humidity		95% non-condensing
Drop Test		1.2 m / 1.5 m (with protective boot)
Sealing		IP65 (with protective boot)

Communication

WWAN	2G	GSM / GPRS / EDGE: Quad band (850 / 900 / 1800 / 1900 MHz)
	3G	EVDO / CDMA / HSDPA / HSUPA (800 / 2100 MHz)
WLAN		IEEE 802.11 a/b/g/n
Bluetooth		Class II, v4.0 (with EDR)
GPS		A-GPS, GLONASS

Barcode Scanner

1D (optional)
2D (optional)

RFID Reader

HF/NFC

Frequency	13.56MHz
Protocol	ISO14443, ISO15693

Order Code

Version	Order Code
HF/NFC without Barcode Scanner	R-HH-C4B-SM10
HF/NFC with 1D Barcode Scanner	R-HH-C4B-SM10-1D
HF/NFC with 2D Barcode Scanner	R-HH-C4B-SM10-2D

For further information & prices, please contact info@idtronic-rfid.com