M₃ SM10 LTE

Rugged Mobile Computer with Full Touch Screen

5" Full Touch Screen with Gorilla Glass 3
1.3 GHz Quad Core CPU
Android 5.1 / Android 6.0 or Windows 10 IoT Mobile Enterprise
1D Laser, 2D Imager
8.0MP Auto Focus Camera

Key Features

Multi OS Android 5.1 / Android 6.0 or Windows 10 IoT Mobile Enterprise	IEEE 802.11 a/b/g/n
5" Full Touch Screen with Gorilla Glass 3	1D Laser, 2D Imager

1.3 GHz Quad Core CPU	8.0MP Auto Focus Camera
IP65 Sealing / 1.8mdrop	NFC (Optional)

Specification

Physical Characteristics

DIMENSION (W x H x D)	76.4 x 154.8 x 21.6 mm
	3 x 6.09 x 0.85 in
WEIGHT	280g / 9.8 oz
DISPLAY	5" HD LCD (1280x720)
BATTERY	Standard Li-ion 3.8 V 4,100mAh
	Extended Li-ion 3.8 V 6,150mAh
SIM / SAM	2 SIM or 1 SIM / 1 SAM

Performance Characteristics

PROCESSOR	CPU	1.3 GHz Quadcore
OS	Mulit OS	Android 5.1/Android 6.0
		Windows 10 IoT Mobile Enterprise
MEMORY	RAM	2 GB
	ROM	16 GB
	Card Slot	Micro SD
INTERFACE	Docking connector; Micro USB	
SENSORS	Gyro Sensor, Proximity Sensor, Light Sensor	

User Environment

TEMPERATURE	Operating- 20 to 60° C
	Storing- 30 to 80° C
HUMIDITY	95% non-condensing
DROP TEST	1.2m / 1.8m (with protective boot)
IP RATING	IP65

Wireless Radio Options

WWAN	2G	GSM / GPRS / EDGE: Quad band (850 / 900 / 1800 / 1900 MHz)
	3.5G	UMTS/HSPA+ (850 / 2100 MHz)
	4G	FDD LTE (850 / 850 / 900 / 1800 / 2100/ 2600 MHz)
WLAN	IEEE 802.11 a/b/g/n	
BLUETOOTH	Class II, V4.0 LE	
GPS	A-GPS, GLONASS, BEIDOU	

Accessories

Direct power supply		2 Slot Cradle	
Battery Door/ NFC Battery Door		8 Slot Cradle	
Battery (St'd / Extend)		Ethernet Cradle	
Micro USB Cable		Vehicle Cradle	
Stylus pen		Boots	
Trigger		UHF Trigger	

General Options

SCANNER	1D Laser, 2D Imager	
CAMERA	Rear	5.0MP Auto Focus
	Front	8.0MP Auto Focus

* The contents of this brochure were written based on the "current state"of the product, and the details are subject to change without prior notice.

* The hareware can be changed if the user want to switch OS to Windows 10 IoT Mobile Enterprise.

Certifications

CE   KC   RoHS Compliant   SOTI CERTIFIED   TÜV SÜD Production monitored Safety tested

Android   Windows   Bluetooth™

01 *Robust and rugged smartphone!*
A Stylish Smartphone with industrial durability

02 *With a user-friendly design!*
The physical keys unlike normal smartphones have an ergonomic design which allows accurate working

03 *Expertise in intensive scanning, staying smart!*
Smartphone with scanner built in and designed for industrial field overcomes the disadvantages of bluetooth scanner with consumer smartphones

04 *UGR (UHF Gun Reader)*
Various accessories are provided extension usage not only barcoding but also RFID reading .

Detail features

1D / 2D scanner
Capable of rapid data capture and processing with the high performance scanner, enabling workers more efficient use of their time.

Windows   **Android**

Multi OS : Android 5.1 / Android 6.0 or Windows 10 IoT Mobile Enterprise
Multi OS supports for Android 5.1 Lollipop / Android 6.1 Mashmallow or Windows 10 IoT Mobile Enterprise for various utilization.

High visibility LCD

5inch full-touch screen (with Gorilla Glass 3)
Legible through 5 inch full-touch screen, easy to use even with wearing heavy gloves, resistant to scratch and rugged with Gorilla Glass 3.

Excellent durability

IP65 sealing, 1.8m drop
Durable smartphone of IP65 withstands 1.8m with protective boot and temperatures down to -30ºC.

User Comfort

Separate physical function keys
Accurate and easy to use physical keys for scanning, home and function buttons.

Endurance

Standard / Extended battery (Li-ion 3.8V, 4,100mAh / Li-ion 3.8V, 6,150mAh)
4,100mAh battery enables users to work uninterrupted and the 6,150mAh battery allows for extra long working hours.