Speed is Power

M3 MOBILE

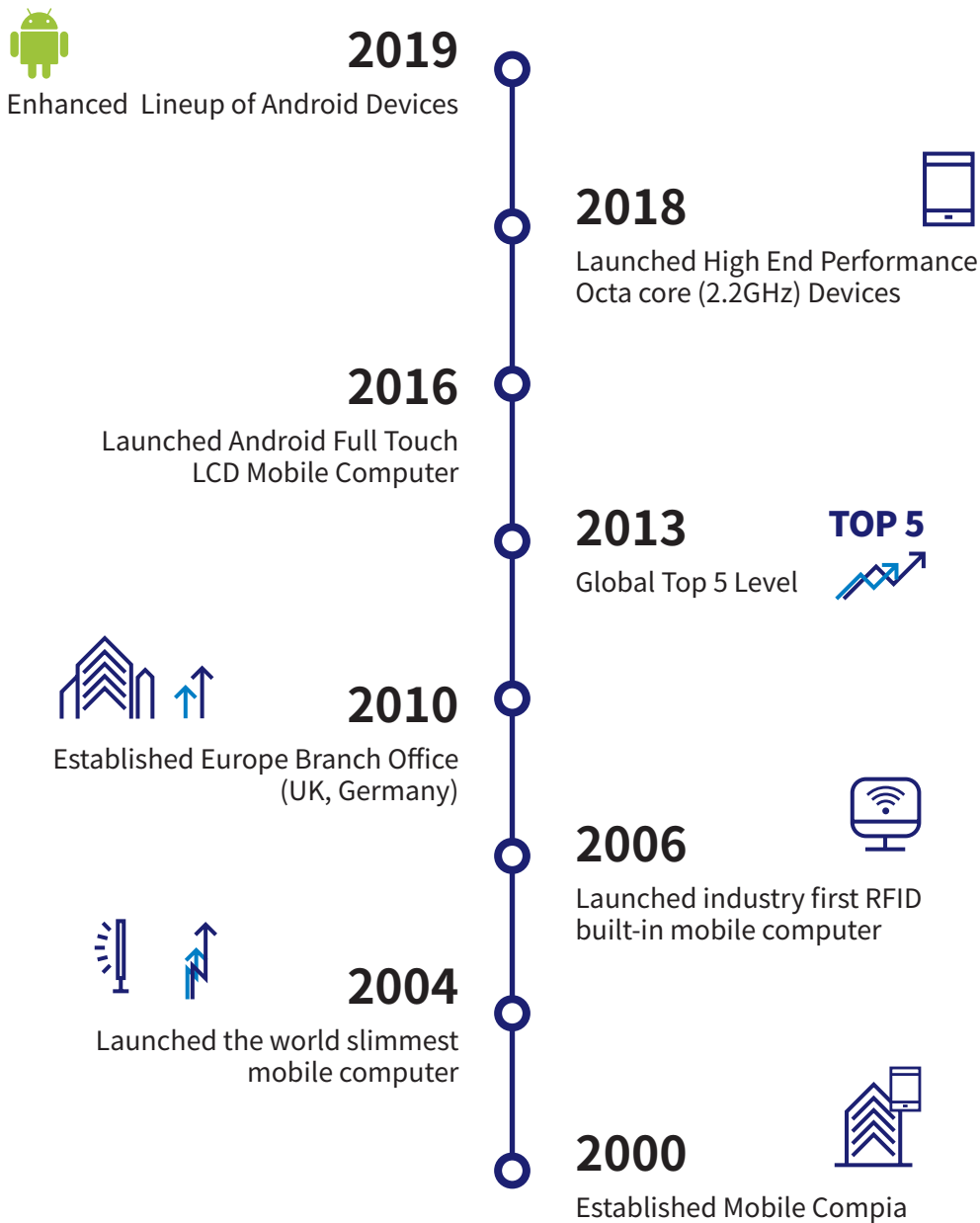**Product Catalogue**

Ver. 2019

www.m3mobile.net

"M3 Mobile is a world class industrial PDA manufacturing company that has been following successful for 19years.
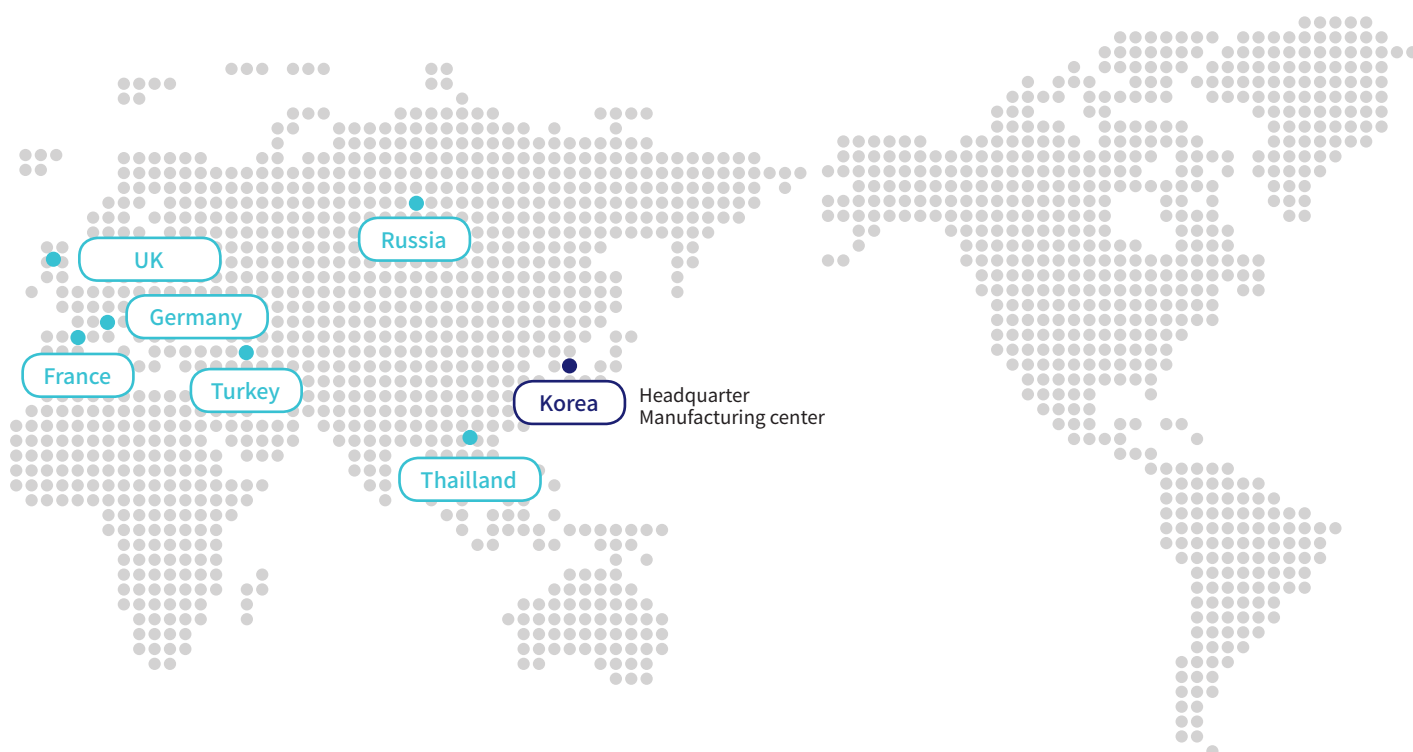We Do Design, Development, Production, Sales, Maintenance Directly."

Sung-Jea, Cho

President & CEO, M3 Mobile Co., Ltd.

Corporate History

2019
Enhanced Lineup of Android Devices

2018
Launched High End Performance
Octa core (2.2GHz) Devices

2016
Launched Android Full Touch
LCD Mobile Computer

2013
Global Top 5 Level

TOP 5

2010
Established Europe Branch Office
(UK, Germany)

2006
Launched industry first RFID
built-in mobile computer

2004
Launched the world slimmest
mobile computer

2000
Established Mobile Compia

Global Office

- Russia
- UK
- Germany
- France
- Turkey
- Korea — Headquarter / Manufacturing center
- Thailland

Application Area

🚚 Logistics

- Parcel Delivery
- 3PL

⚙️ Manufacturing

- Vehicle Industry
- Stationary
- Building Yards

🛒 Retail

- Stock Management
- Customer Engagement

🚆 Goverment Public

- Meter Reading
- Post Office
- Railway
- Military
- Police Office

🗑️ ETC.

- Waste Mgmt.
- Survey
- Sports
- Cable TV

⏱️ Service

- Hospitality
- Asset Management
- Pharmaceutical

SPEED IS POWER

M3

Index

Product Line Up

PRODUCT LINE UP

		UL20X	UL20F	UL20W
Performance characteristics	CPU	2.2 GHz Octa core	2.2 GHz Octa core	2.0 GHz Octa core
	Operating System	Android 8.1	Android 8.1	Android 8.1
Physical Characteristics	Memory (RAM/ROM)	4 GB / 32 GB	4 GB / 32 GB	2 GB / 16 GB
	Dimensions (L x W x D)	88.7 x 244.75 x 46.19 mm	88.7 x 244.75 x 46.19 mm	88.7 x 244.75 x 46.19 mm
	Weight	580 g	580 g	580 g
	Display	5 in. FHD (1920*1080)	5 in. FHD (1920*1080)	5 in. FHD (1920*1080)
	Touchpanel	Capacitive touch, Glove / Wet / Pen touch	Capacitive touch, Glove / Wet / Pen touch	Capacitive touch, Glove / Wet / Pen touch
	Power (Battery) — Standard / Extended	Li-ion 3.6 V / 6,700 mAh	Li-ion 3.6 V / 6,700 mAh	Li-ion 3.6 V / 6,700 mAh
	Hot swap	O	O	O
	Expansion Slot	Micro SD	Micro SD	Micro SD
	SIM / SAM	2 SIM	N / A	N / A
	Keypad	35 Key Alpha Numeric Function key pad 6 Side key	35 Key Alpha Numeric Function key pad 6 Side key	35 Key Alpha Numeric Function key pad 6 Side key
	Side Key / Scroll	Volume / Scan	Volume / Scan	Volume / Scan
Wireless WAN Data and Voice Communiations	Radio Frequency Band	LTE / UMTS / HSPA+ / GSM / GPRS / EDGE	N / A	N / A
	GPS	GPS, A-GPS, GLONASS, BEIDOU	N / A	N / A
Wireless LAN	Radio	802.11 a / b / g / n / ac	802.11 a / b / g / n / ac	802.11 a / b / g / n / ac
Wireless Pan	Bluetooth	Class II 4.1 LE	Class II 4.1 LE	Class II 4.1 LE
Wired LAN	Ethernet	O	O	O
Data Capture	Scanning	1D / 2D Imager, Long range Scanner	1D / 2D Imager, Long range Scanner	1D / 2D Imager, Long range Scanner
	Camera	Rear - 16.0MP Auto Focus	Rear - 16.0MP Auto Focus	Rear - 13.0MP Auto Focus
	RFID	NFC	NFC	NFC
User Environment	Operating Temp.	-20 °C to 60 °C (-4 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)
	Storage Temp.	-30 °C to 80 °C (-22 °F to 176 °F)	-40 °C to 80 °C (-40 °F to 176 °F)	-30 °C to 80 °C (-22 °F to 176 °F)
	Humidity	95 % non-condensing	95 % non-condensing	95 % non-condensing
	Drop Spec.	2.0 M	2.0 M	2.0 M
	Tumble Spec.	2,000 3.2ft. / 1.0m tumbles	2,000 3.2ft. / 1.0m tumbles	2,000 3.2ft. / 1.0m tumbles
	Sealing	IP67	IP67	IP67
Payment	MSR	N / A	N / A	N / A
	Contact	N / A	N / A	N / A
	Contactless	N / A	N / A	N / A
	Security	N / A	N / A	N / A
Printer	Speed	N / A	N / A	N / A
	Size	N / A	N / A	N / A
	Accessories	Power Supply, USB Cable, Stylus Pen, Screen Protector, Standard Battery, 2 Slot Cradle, 8 Slot Cradle, Pistol Grip, Snap On, Keypad (These accessories can be changed according to development plan.)	Power Supply, USB Cable, Stylus Pen, Screen Protector, Standard Battery, 2 Slot Cradle, 8 Slot Cradle, Pistol Grip, Snap On, Keypad (These accessories can be changed according to development plan.)	Power Supply, USB Cable, Stylus Pen, Screen Protector, Standard Battery, 2 Slot Cradle, 8 Slot Cradle, Pistol Grip, Snap On, Keypad (These accessories can be changed according to development plan.)

SL10	SL10K	SM15X	SM15N	SM15W	BK10	OX10-1G
1.5 GHz Quad core	1.5 GHz Quad core	2.2GHz Octa Core	2.0GHz Octa Core	2.0GHz Octa Core	1GHz	1GHz
Android 8.1	Android 8.1	Android 7.1 Nougat / Android 8.X is scheduled	Android 7.1 Nougat / Android 8.X is scheduled	Android 7.1 Nougat / Android 8.X is scheduled	Windows Embedded Handheld 6.5 / Windows CE 6.0	Windows Embedded Handheld 6.5 / Windows CE 6.0
2 GB / 16 GB	2 GB / 16 GB	4GB / 32GB	2GB / 16GB	2GB / 16GB	512 MB / 8GB	512MB / 4GB
155.8 x 72 x 25 mm	155.8 x 72 x 25 mm	154.8 x 76.4 x 21.6mm	154.8 x 76.4 x 21.6mm	154.8 x 76.4 x 21.6mm	75.3 x 165.8 x 26 mm	78.6 x 165.5 x 24.9 mm / 78.6 x 165.5 x 40.2mm(with HF) / 78.6 x 165.5 x 38.9mm (with UHF)
260 g	260 g	280g / 9.8 oz. (incl. Standard BAT) / 310g / 10.9 oz. (incl. Extended BAT)	280g / 9.8 oz. (incl. Standard BAT) / 310g / 10.9 oz. (incl. Extended BAT)	280g / 9.8 oz. (incl. Standard BAT) / 310g / 10.9 oz. (incl. Extended BAT)	322g / 11.7oz. (incl. Standard BAT) / 336g / 11.8 oz. (incl. Extended BAT)	332g / 11.7oz., 362g / 12.7oz. (with HF) / 389g / 13.7oz. (with UHF)"
5 in. HD (1280*720)	4" WVGA (800*480)	5" FHD (1920*1080)	5" HD (1280*720)	5" HD (1280*720)	3.5" / VGA (480*640) / QVGA (240*320)	3.5" / VGA (480*640) / QVGA (240*320)
Capacitive touch	Resisitive touch	Corning Gorilla Glass 3 / Capacitive multi-touch / Glove, Wet, Stylus	Corning Gorilla Glass 3 / Capacitive multi-touch / Glove, Wet, Stylus	Corning Gorilla Glass 3 / Capacitive multi-touch / Glove, Wet, Stylus	Resistive touch	Resistive touch
Li-ion 3.6 V / 4,000 mAh	Li-ion 3.6 V / 4,300 mAh	Li-Ion 3.8V, 4,100mAh / Li-Ion 3.8V, 6,150mAh	Li-Ion 3.8V, 4,100mAh / Li-Ion 3.8V, 6,150mAh	Li-Ion 3.8V, 4,100mAh / Li-Ion 3.8V, 6,150mAh	Li-Polymer 3.7V, 3,400mAh / Li-Polymer 3.7V, 5,100mAh	Li-Ion 3.7V, 3,300mAh
X	X	O	O	O	O	N/A
Micro SD	Micro SD	Micro SD	Micro SD	Micro SD	Micro SD	Micro SD
1 SIM	1 SIM	2 SIM or 1 SIM/1SAM	2 SIM or 1 SIM/1SAM	N/A	1 SIM	1 SIM / 2SAM
4 Front Key	17 Key Numeric / 4 Side Key	4 Front Key / 5 Side Key	4 Front Key / 5 Side Key	4 Front Key / 5 Side Key	34 Key Alpha Numeric, 5 Side Key / 53 key Qwerty, 5 Side Key	31 Key Alpha Numeric, 4 Side Key / 50 Key Qwerty, 4 Side Key
Volume / Scan / Cam	Volume / Scan	VOLUME / SCAN /CAM	VOLUME / SCAN /CAM	VOLUME / SCAN /CAM	VOLUME / SCAN /CAM	VOLUME / SCAN /CAM
LTE / WCDMA / TD-SCDMA / GSM	LTE / WCDMA / TD-SCDMA / GSM	LTE / UMTS/HSPA+ / GSM/GPRS/EDGE	LTE / UMTS/HSPA+ / GSM/GPRS/EDGE	N/A	UMTS/HSPA+ / GSM/GPRS/EDGE	UMTS/HSPA+ / GSM/GPRS/EDGE
GPS, support: GLONASS	GPS, support: GLONASS	GPS, A-GPS, GLONASS, BEIDOU	GPS, A-GPS, GLONASS, BEIDOU		AGPS , GLONASS	AGPS, GLONASS
802.11 a / b / g / n	802.11 a / b / g / n	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n	802.11 a/b/g/n
Class I 4.1 LE	Class I 4.1 LE	Class II V4.1 LE	Class II V4.1 LE	Class II V4.1 LE	Class II v2.1 with EDR	Class II v2.1 with EDR
X	X	O	O	O	O	O
1D / 2D	1D / 2D	1D / 2D	1D / 2D	1D / 2D	1D/2D	1D/2D
Rear - 8MP Auto Focus	Rear - 8MP Auto Focus	Front - 5MP Auto Focus / Rear - 16MP Auto Focus	Front – N/A / Rear - 13MP Auto Focus	Front – N/A / Rear - 13MP Auto Focus	Rear - 5.0 MP Auto focus	Rear - 5 MP Auto Focus
NFC	NFC	NFC	NFC	NFC	N/A	HF: ISO 14443 A/B, ISO 15693, ISO 18000-3, I-CODE, UHF: EPC C1 G2
-10 ℃ to 50 ℃ (14 °F to 122 °F)	-10 ℃ to 50 ℃ (14 °F to 122 °F)	- 20 to 60℃ / - 4 to 140℉	- 20 to 60℃ / - 4 to 140℉	- 20 to 60℃ / - 4 to 140℉	- 20 to 60℃ / - 4 to 140℉	-20 to 60 ℃ / -4 to 140 ℉
-30 ℃ to 70 ℃ (-22 °F to 158 °F)	-30 ℃ to 70 ℃ (-22 °F to 158 °F)	- 30 to 80℃ / - 22 to 176℉	- 30 to 80℃ / - 22 to 176℉	- 30 to 80℃ / - 22 to 176℉	- 30 to 80℃ / - 22 to 176℉	- 30 to 80℃ / - 22 to 176℉
95 % non-condensing	95 % non-condensing	95 % non-condensing	95 % non-condensing	95 % non-condensing	95 % non-condensing	93% non-condensing
1.2 M	1.2 M	1.2M / 1.8M(with protective boots)	1.2M / 1.8M(with protective boots)	1.2M / 1.8M(with protective boots)	2M / 6.6ft	1.5m / 5ft
N / A	N / A	500 1.6ft./0.5m tumbles (1,000 drops) / 1,000 1.6ft./0.5m tumbles (2,000 drops) (with protective boots)	500 1.6ft./0.5m tumbles (1,000 drops) / 1,000 1.6ft./0.5m tumbles (2,000 drops) (with protective boots)	500 1.6ft./0.5m tumbles (1,000 drops) / 1,000 1.6ft./0.5m tumbles (2,000 drops) (with protective boots)	2,000 1.6ft./0.5m tumbles (4,000 drops)	1,000 1.6ft./0.5m tumbles (2,000 drops)
IP65	IP65	IP65	IP65	IP65	IP65	IP65
N / A	N / A	N/A	N/A	N/A	N/A	N/A
N / A	N / A	N/A	N/A	N/A	N/A	N/A
N / A	N / A	N/A	N/A	N/A	N/A	N/A
N / A	N / A	N/A	N/A	N/A	N/A	N/A
N / A	N / A	N/A	N/A	N/A	N/A	N/A
N / A	N / A	N/A	N/A	N/A	N/A	N/A
Power Supply, USB Cable, Standard Battery, 2 Slot Cradle, 8 Slot Cradle, Pistol Grip	Power Supply, USB Cable, Standard Battery, 2 Slot Cradle, 8 Slot Cradle, Pistol Grip	Power Supply, USB Cable, Stylus pen, Vehicle cradle, Protective Boot, Screen Protector, Standard Battery, Extended Battery, NFC Battery cover, 2 Slot Cradle, 8 Slot Cradle, 2 Slot Ethernet Cradle, 2 Slot HDMI Cradle, 8Slot Ethernet Cradle, Scanning Trigger, UHF Gun Reader, UHF Snap On, USB Charging Snap On	Power Supply, USB Cable, Stylus pen, Vehicle cradle, Protective Boot, Screen Protector, Standard Battery, Extended Battery, NFC Battery cover, 2 Slot Cradle, 8 Slot Cradle, 2 Slot Ethernet Cradle, 2 Slot HDMI Cradle, 8Slot Ethernet Cradle, Scanning Trigger, UHF Gun Reader, UHF Snap On, USB Charging Snap On	Power Supply, USB Cable, Stylus pen, Vehicle cradle, Protective Boot, Screen Protector, Standard Battery, Extended Battery, NFC Battery cover, 2 Slot Cradle, 8 Slot Cradle, 2 Slot Ethernet Cradle, 2 Slot HDMI Cradle, 8Slot Ethernet Cradle, Scanning Trigger, UHF Gun Reader, UHF Snap On, USB Charging Snap On	Power Supply, USB Cable, Stylus pen, Vehicle cradle, Fabric case, Leather case, Screen Protector, Standard Battery, Extended Battery, 2 Slot Cradle, 8Slot Cradle, 2 Slot Ethernet Cradle, 8Slot Ethernet Cradle, Scanning Trigger	Power Supply, USB Cable, Stylus pen, Vehicle cradle, Screen Protector, Standard Battery, 2 Slot Cradle, 8Slot Cradle, Scanning Trigger, UHF Gun Reader

M3 UL20 Series

Full Touch Ultra Rugged Computer

Android 8.1
2.2GHz Octa core CPU
Fast charging / Battery Hot Swap
1D / 2D Imager, Long range Scanner
16.0MP Auto Focus Camera

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Full HD Display

With large high visibility color display, Full HD screen enables stable business.That is highly visible both indoors and outdoors.

Keypad (35 keys plus Function key)

For maximum efficiency, physical keyboards are available. M3 UL20 includes 35key Alpha Numeric key. Each features an easy-to-use ergonomic design and Function keys are installed for fast operation in the field.

IP67 sealing, 2.0m drop

IP67 dust / water proof withstands 2.0m drops. Device can be used in harsh environments.

Li-ion, 3.6V, 6,700mAh

The large capacity 6700mAh battery makes it suitable for long shifts where charging of the device is very limited.

Specification

	UL20X	UL20F	UL20W
DIMENSION (W x H x D)	88.7 mm x 244.75 mm x 46.19 mm		
WEIGHT	580 g		
DISPLAY	5 in. FHD (Full High Defini-tion) (1920X1080) Outdoor view-able		
TOUCH	Capacitive touch, Glove / Wet / Pen touch		
BATTERY	Li-ion 3.6 V 6,700 mA		
POWER MANAGEMENT	Fast Charging / Battery Hot Swap		
SIM / SAM	2 SIM	N / A	
PHYSICAL KEYS	35-Key Alpha Numeric+Function key pad and 6 Side key		
PROCESSOR	2.2 GHz Octa-core processor		2.0 GHz Octa-core processor
OS	Android 8.1		
MEMORY	4 GB RAM, 32 GB ROM		2 GB RAM, 16 GB ROM
INTERFACE	USB C type via Snap on, Cradle		
SENSORS	Gyro, Ambient light, Accelerometer, Magnetic		
WWAN	GSM : B3, B5, B8 WCDMA : B1, B5, B8 TDD-LTE : B38, B40, B41 FDD-LTE : B1, B3, B5, B7, B8, B20	N / A	
WLAN	IEEE 802.11 a / b / g / n / ac 2.4G&5GHz		
BLUETOOTH	Bluetooth Class II 4.1 LE		
GPS	A-GPS, GLONASS, Beidou, Galileo	N / A	
SCANNER	2D Imager (N660X) Long range (SE4850)		
CAMERA	16.0 M (Rear) LED Flash		13.0 M (Rear) LED Flash
RFID	NFC (13.56MHz) Peer-to-peer, card reader, card emulation ISO 14443 A / B, ISO 15693		
TEMPERATURE	Operating -20 °C to 60 °C (-4 °F to 140 °F) Storage -30 °C to 80 °C (-22 °F to 176 °F)	Operating -30 °C to 60 °C (-22 °F to 140 °F) Storage -40 °C to 80 °C (-40 °F to 176 °F)	Operating -20 °C to 60 °C (-4 °F to 140 °F) Storage -30 °C to 80 °C (-22 °F to 176 °F)
HUMIDITY	0% to 95% non-condensing		
DROP TEST	2.0 M		
IP RATING	IP67		

M3 UL20F

High Performance in coldest environments

Defogging makes vivid window

UL20 has automatic sensor to control temperature of screen and scanning window. When the temperature goes down, the sensor is working to keep moderate line which UL20 operates. The module smartly control LCD. Heating LCD stands alone even UL20 is on sleep status. Also, equipped battery endures low temperature.

UL20F Scanning window

-30℃

8h
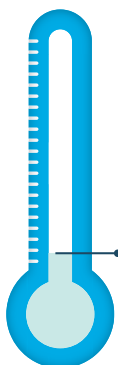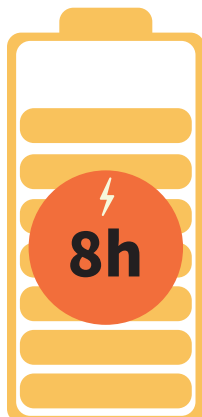
Endures in low temperature! (It applies for UL20F)

In cold warehouse, LCD and keypad working on the low temperature is essential. UL20 is upgraded as working under the -30℃ by automatically controlling Heating LCD. It provides convenience to the user while reducing battery consumption.

M3 UL20W

Support WiFi Only Products

UL20W specializes in indoor working space where Wi-Fi is usually used. Reasonable UL20W will reduce your TCO (Total cost of ownership). Smooth operation indoors has benefit of free compatibility with many kinds of apps. Data communication between co-workers has no barriers if they're connected with Wi-Fi. Wireless communication is fast and stable as much as wired one.

M3 UL20 Series Accessory

2 slot charging cradle
Charging-only 2 slot cradle

Pistol grip
Scanning trigger

8 slot charging cradle
Charging-only 8 slot cradle

Snap on
USB Snap on type

※ The content is possible to addition or change

M3 **SM15** Series

Rugged Mobile Computer with Full Touch Screen

Android 7.1 and 8.1
2.2GHz Octa core CPU
Fast charging / Battery Hot Swap
1D Laser, 2D Imager
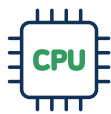16.0MP Auto Focus Camera
5in. FHD LCD (1920 x 1080)

Specification

	SM15X	SM15N	SM15W
DIMENSION (W x H x D)	76.4 x 154.8 x 21.6 mm (3.00 x 6.09 x 0.85 in)		
WEIGHT	Standard : 280 g (9.8 oz) , Extended : 340 g (11.9 oz)		
DISPLAY	5 in. FHD (Full High Definition) (1920X1080) Outdoor viewable	5 in. HD TFT LCD (1280 x 720) Outdoor viewable	
TOUCH	Capacitive touch, Glove / Wet / Pen		
BATTERY	Standard: Li-ion 3.8V 4,100mAh, Extended: Li-ion 3.8V 6,150mAh		
POWER MANAGEMENT	Fast Charging / Battery Hot Swap		
SIM / SAM	2 SIM or 1 SIM / 1 SAM		
PHYSICAL KEYS	Volume + / - key, Camera key, Power Key 2 Scanner keys (Left, Right), 4 Bottom Keys (Home, Back, menu, Enter (Scan))		
PROCESSOR	2.2 GHz Octa-core processor	2.0 GHz Octa-core processor	
OS	Android 7.1 and 8.1		
MEMORY	4 GB RAM, 32 GB ROM	2 GB RAM, 16 GB ROM	
INTERFACE	Docking connector: Micro USB		
SENSORS	Gyro Sensor / Proximity Sensor / Light Sensor		
WWAN	2G GSM / GPRS / EDGE (850 / 900 / 1800 MHz) 3.8G UMTS / HSPA+ (850 / 900 / 2100 MHz) 4G FDD LTE (800 / 850 / 900 / 1800 / 2100 / 2600 MHz)	N / A	
WLAN	IEEE 802.11 a / b / g / n / ac		
BLUETOOTH	Bluetooth Class II 4.1 LE		
GPS	A-GPS, GLONASS, BEIDOU	N / A	
SCANNER	1D Laser, 2D Imager		
CAMERA	Front: 5.0 MP Auto Focus Rear: 16.0 MP Auto Focus	Rear: 13.0 MP Auto Focus	
RFID	HF (NFC ISO 14443 A / B, ISO 15693), UHF (EPC C1 Gen2, ISO18000 6C via Snap on / Gun reader)		
TEMPERATURE	Operating : -20 to 60 ℃ / Storage : -30 to 80 ℃		
HUMIDITY	0% to 95% non-condensing		
DROP TEST	1.2 M / 1.8 M (with protective boot)		
IP RATING	IP65		

Certications

CE · KC · RoHS Compliant · ivanti · SOTI CERTIFIED · K · Bluetooth™ · Android

Google Mobile Services(GMS)

Key points

Unrivalled CPU performance

SM15X has 2.2Ghz 8 core AP which is 46% faster than other processors.

FHD (Full High Definition Display), High Sensitivity Touch

High capacity processing improves your business reliability. The SM15 has a high sensitivity touch panel which enables use with gloves and even in the wet.

Fast Charging and High Capacity Battery

SM15 has a fast charging function.
Full charging time is just 3 hours.

Applications

Manufacturing   Retail   Public   Logistics   Construction   Meter reading

Key Features

5" FHD TFT LCD (1920 X 1080)	IEEE 802.11 a/b/g/n/ac	HF(NFC), UHF
Fast Charging / Battery Hot Swap Li-ion Battery 4100mAh / 6150mAh	1D Laser, 2D Imager	Wet-touch
Physical Key : Front 4 keys, Side 5 Keys	IP65 Sealing 1.8m drop	Glove-touch
2.2 GHz Octa Core CPU	16.0MP Auto Focus Camera	Pen-touch
4GB RAM / 32GB ROM		

M3 SM15 Series Accessory

Charging & Data Communication

2 slot charging cradle
Charging-only 2 slot cradle

8 slot charging cradle
Charging-only 8 slot cradle

Vehicle cradle
Charging only vehicle cradle

2 slot ethernet cradle
Charging and ethernet function
included 2 slot cradle

8 slot ethernet cradle
Charging and ethernet function
included 8 slot cradle

HDMI cradle
Screen mirroring
between PC and SM15

USB Gender
USB Gender for charging only

USB Charging Snap on
Office, Vehicle both using

USB C-type Snap on
USB Type Charging & Data
communication

USB Charging Snap on
USB / DC Type Charging & Data
communication

UHF Snap on
UHF RFID snap on

Trigger

Contact with I/O Pin directly without wireless connection

Up to 15m

+

Pistol grip

Scanning trigger

UHF gun reader

UHF RFID & Scanning Trigger

Long range pistol grip

Long range scanning Trigger

Wearable

Wireless Headset(bluetooth)

CE, Low Temperature, BT4.0

Wired Headset

HD Voice, Noise Cancelling
Connect to wearable sled USB C-type Port

※ The appearance can be changed.

Wearable sled Arm band

SM15 Sled on the Arm

Wearable sled belt type

SM15 Sled on the wrist

Wearable ring trigger

SM15 Wearable Trigger with
connection cable

M3 **SL10** Series

Reasonable compact mobile computer

Android 8.x
1.5GHz Quad-core CPU
1D Laser, 2D Imager
8.0MP Auto Focus Camera

SL10

SL10 K

SL10

Certications

CE

RoHS
Compliant

Bluetooth™

Android

Specification

	SL10	SL10K
DIMENSION (W x H x D)	155.8 X 72 X 25 mm	
WEIGHT	260 g	
DISPLAY	5 in. HD	4.0" WVGA
TOUCH	Capacitive touch	
BATTERY	Li-ion 3.6 V 4,000 mA	Li-ion 3.6 V 4,300 mA
SIM / SAM	1 SIM	
PHYSICAL KEYS	4 key	17 key Alpha Numeric
PROCESSOR	1.5 GHz Quad-core processor	
OS	Android 8.X	
MEMORY	RAM 2G / ROM 16G	
INTERFACE	Micro USB	
WWAN	CMCC 5M： LTE 1 / 2 / 3 / 4 / 7 / 17 / 20 / 38 / 39 / 40 / 41 WCDMA 1 / 2 / 5 / 8 TD-SCDMA 34 / 39 GSM 2 / 3 / 5 / 8	
WLAN	IEEE 802.11 a / b / g / n	
BLUETOOTH	Bluetooth Class I 4.1 LE	
GPS	GPS, support: GLONASS	
SCANNER	2D Imager (SE4710)	
CAMERA	8 M (Rear) , LED Flash	
RFID	NFC (13.56MHz) Peer-to-peer, card reader, card emulation ISO 14443 A / B, ISO 15693	
TEMPERATURE	Operating -10°C to 50°C Storage -30°C to 70°C	
HUMIDITY	0% to 95% non-condensing	
DROP TEST	1.2 M	
IP RATING	IP65	

Truly Handy and Pocketable mobile computer

SL10 series gives more for who want to build a truly automate mobile work-spaces with the modern conveniences of an all-touch smartphone and physical keypad to speed business agility.

Key points

SL10 K

Real-world practicality

Processor at 1.5 GHz delivers industry-leading performance and efficiency. 5.0" HD colour displays deliver sharpness and clarity for improved visibility-available in two options: high impact or high visibility.

Pocketable Android for professionals

Pocketable Android for professionals Balanced construction is perfectly weighted for comfort, practicality and natural task support. Similar as consumer android phone, SL10 Series are sure to be satisfying end-users. Slim and light weight reduces tiredness of workers.

M3 BK10(BLACK)

The New Premier Mobile Computer

Windows CE 6.0 / Windows Embedded Handheld 6.5
1.0GHz CPU
1D Laser, 2D Imager
5.0MP Auto Focus Camera

Specification

PHYSICAL CHARACTERISTICS	
DIMENSION (W x H x D)	75.3 x 165.8 x 26 mm (2.96 x 6.52 x 1.02 in.)
WEIGHT	336 g (11.8 oz)
DISPLAY	VGA (480 x 640) QVGA (240 x 320)
BATTERY	Type Smart Battery
	Standard Li-Polymer 3.7 V 3,400mAh
POWER MANAGEMENT	Extended Li-Polymer 3.7 V 5,100mAh

PERFORMANCE CHARACTERISTICS		
PROCESSOR	CPU	1GHz
OS	Windows Embedded Handheld 6.5	
	Windows CE 6.0	
MEMORY	RAM	512 MB
	ROM	8 GB
	Card Slot	Micro SD
INTERFACE	USB 2.0 High Speed Host & Client	
SENSORS	Light sensor, Gyro sensor	

USER ENVIRONMENT	
TEMPERATURE	Operating -20 to 60℃ / -4 to 140°F
HUMIDITY	Storing -30 to 80℃ / -22 to 176°F
TUMBLE TEST	95% non-condensing
DROP TEST	6.6 ft. / 2.0 m
IP RATING	IP65

WIRELESS RADIO OPTIONS		
WWAN	2G	GSM / GPRS / EDGE: Quad band (850 / 900 / 1800 / 1900 MHz)
	3.8G	UMTS / HSPA+
WLAN	Standard : 280g (9.8oz) Extended : 340g (11.9oz)	
SECURITY	WEP, WPA, WPA2, TKIP, AES, EAP-FAST, EAP-TLS, EAP-TTLS, PEAP-GTC, PEAP-TLS, PEAP-MMSCHAPv2, LEAP, CCXv4	
BLUETOOTH	Class II, v2.1 with EDR	
GPS	A-GPS, GLONASS	

GENERAL OPTIONS	
SCANNER	1D Laser, 2D Imager
CAMERA	5.0 MP Auto Focus
KEYPAD	34 key Alpha Numeric
	53 Key QWERTY

Certications

Pursuit of all-round excellence on a Mobile Computer, M3 Black

The user-friendly design combines with great performance to deliver in the harsh environments. The M3 BLACK has a user friendly design which is reliable and simple but very robust.

Key points

Ergonomic Design can reduce fatigue with repetitive scanning

Low angle (23 °) barcode scanner

Low angle scanner allows users to feel more comfortable during repetitive scanning operations in the fields. The design provides users the convenience to see the LCD screen when scanning which reduces physical tiredness of the wrists and eyes.

User Friendly design to locate the scan button by touch

Embossed scan buttons applied

Small bumps on the scan buttons at the front and side enables users to recognize and scan without a glance which reduces actual amount of time and increase efficiency. Button faces are placed on an angle to make pressing it more easier and comfortable.

Continue working, even in darkness

5.0MP camera with ultra flash

The 5.0MP Ultra flash helps users to use the camera even in the dearkest of work surroundings. Data capturing and photographing in dark and harsh environments will be easily handled.

Functional design with stands heavy dropping

Rubber / Metal applied on case

Many things can happen during working hours, such as a drop. By applying anti-slip rubber, the device will not slip from your hands. If you drop the BK10, the metal frame can withstand multiple drops from up to 2 meters.

M3 OX10-1G

Top Rated Multi-Functional Handheld

1 GHz CPU
Windows CE 6.0 / Windows Embedded Handheld 6.5
HSPA+ / EDGE / GPRS / GSM
Integrated RFID Reader (HF / UHF)

Specification

PHYSICAL CHARACTERISTICS	
DIMENSION (W x H x D)	78.6 x 165.5 x 24.9 mm
	78.6 x 165.5 x 40.2 mm (with HF reader)
	78.6 x 165.5 x 38.9 mm (with UHF reader)
WEIGHT	332 g / 11.7 oz
	362 g / 12.7 oz (with HF reader)
	389 g / 13.7 oz (with UHF reader)
DISPLAY	VGA (480x640)
TOUCH	QVGA (240x320)
BATTERY	Li-Ion 3.7 V 3,300 mAh, Smart Battery
SIM / SAM	1 SAM / 2 SAM (optional)

PERFORMANCE CHARACTERISTICS		
PROCESSOR	CPU	1 GHz
OS	Windows Embedded Handheld 6.5	
	Windows CE 6.0	
MEMORY	RAM	512 GB
	ROM	4 GB
	Card Slot	Micro SD
INTERFACE	USB Host 1.1 / Client 2.0	

USER ENVIRONMENT	
TEMPERATURE	Operating -20 to 60°C / -4 to 122°F
HUMIDITY	Storing -30 to 70°C / -22 to 158°F
TUMBLE TEST	93% non-condensing
DROP TEST	1.000 1.6 ft. / 0.5 m
IP RATING	IP65

WIRELESS RADIO OPTION		
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 a / 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, V2.1 (With EDR)	
RFID	HF	ISO 14443 A / B, ISO 15693, ISO 18000-3, I-CODE)
	UHF	EPC C1 G2
GPS	AGPS, GLONASS	

GENERAL OPTIONS	
SCANNER	1D Laser, 2D Imager
CAMERA	5.0MP Auto Focus camera
KEYPAD	Alpha Numeric 31 Keys QWERTY 50keys (WM6.5 only)

Certications

CE KC RoHS Compliant Windows® Embedded

Key points

Rugged design for superior reliability

M3 OX10-1G is suitable to use in a tough environment :
with stands drop from 1.5m and protects against dust and water.

Industry leading data capturing

1D, 2D, RFID (HF / UHF optional) options provide real-time data capture and automat-ic data processing so that you can expect flexibility of work and cost-efficiency.

Multi-function Keypads

Multi-functional keys of Qwerty keypads are designed for versatile performance. As hot keys, these are going to make direct access be possible and increase the user working speed.

M3 Service Package

FOCUS ON SERVICE TYPE YOU NEED

Category		Standard Warranty (Extended)	Service Package	Service Package (Extended)
Term		1 Year (1 year extension is able)	3 Years or 5 Years	1 Year or 2 Years
Manufacture Defect		O	O	O
Wear and Tear		X	O	O
Repair cost due to critical fault		X	O	O
Turnaround	time	5-7 Days	3 Days	3 Days
	cost	One way(M3)	M3	M3
Accidental Breakage		X	O	O
Online Technical Support		O	O	O

O: Free Coverage

Note: Please check for the latest information, including detailed contents and available service options.
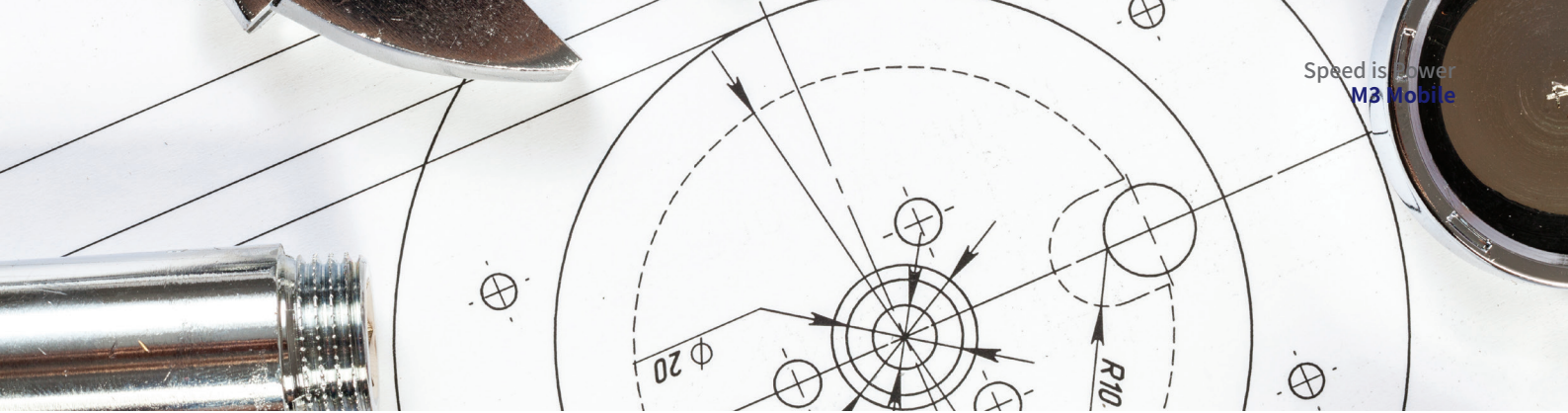
CARRIAGE

Send the defective PDA with the printed Request Form
(Should have DOA# or RMA# indicated on the sheet) to below address:

Korea

M3 Mobile Headquarter Service center
Unit 604, 201 Chuni Technopark,
18 Buchen-ro 198 Beon-gil, Wonmi-gu,
Bucheon-si, Gyeonggi-do, 14557, Korea
Tel: +82-(0)2-574-0037
Email: peter.chae@m3mobile.co.kr
Attn: Peter Chae

Germany

Weilandt Elektronik GmbH
Carolus-Magnus-Str.12, 45356 Essen Germany
Tel: +49-(0)-201-10-99-81-61
Email: t.perplies@weilandt-elektronik.de
Attn: Tobias Perplies

UK

BIAS Technology Support LTD
7 Blackhill Road West, Holton Heath Trading Park,
Poole, Dorset, BH16 6LE, UK
Tel: +44-(0)-1202-620955
Email: gavind@biastechnology.com
Attn: Gavin Dalrymple

All EU Countries included Germany

JARLTECH Europe GmbH
Jarltech-Platz 1, 61250 Usingen Germany
Tel: +49-(0)-6081-600-303
Email: oliver.schulz@jarltech.de
Attn : Oliver Schulz

France

PRESTINFO MAINTENANCE
18, avenue de la ZAC de CHASSAGNES, TERNAY,
Lyon city, 69360, France
Tel: +33-(0)6-79-20-93-67
Email: Bertrand.Felix@prestinfo-maintenance.com
Attn: Bertrand Felix

MEMO