

# MPTIC M82 Digital Keyboard Android PDA



## ■ Communication Performance

- | 4G LTE, Global band
- | Enhanced the design of WIFI FEM, increased the 20% of signal coverage
- | Bluetooth 5.0, low power, long distance, perfect matching wireless printer

## ■ Scanning Performance

- | New generation slim 2D imager scan engine
- | Support VGA and megapixel versions
- | Licensed Datalogic decoding technology

## ■ Industrial Protection

- | Ip65 industrial protection
- | Optimized structure for battery to ensure slim form factor

## ■ Unique Product Characteristics

- | Quad core or Octa core processor, long life cycle
- | Support Android 9 and Android 10 upgrades
- | Large battery capacity but refined power consumption, 3 hours charging time but 15 hours working duration, 50 days standby duration.
- | Free to install AppLOCK, Easy Deploy and other system management software for efficient management and deployment
- | Accurate Reading Ability, only decode bar code label that's close to the center of the aiming pattern, even when many labels are crowded.

## Applications



Health Care



T&L



Government



Retail

## Performance Parameter

OS	Android 9
CPU	2GHz, Quad/Octa Core, 12nm
MEMORY	2+16/4+64
Extend Slot	MicroSD, support SDHC, up to 64GB; One micro SIM connector
PC Communication	USB 2.0 OTG : Type-C: Support TYPE-C Headset
Sensors	Light, Proximity, 3D G sensor, Hall, e-compass
LED	Charging, Scan and System status
Charging Time	<3.5 hours(Room Temperature) <4 hours(35 °C)
Operation Duration	14 hours
<b>Data Collection</b>	
Scan Engine	Mobydata E3200-LE/E3250-LE
2D	Aztec Code; China Han Xin Code; Data Matrix; MaxiCode; Micro QR Code; QR Code; EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MacroPDF;
	MicroPDF417; PDF417; UPC A/E Composites
1D	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.
Post	Australian Post; British Post; China Post; IMB; Japanese Post; KIX Post; Korea Post; Planet Code; Postnet; Royal Mail Code (RM4SCC)
NFC(Optional)	13.56MHz NFC
<b>Wireless Connectivity</b>	
WLAN	802.11 ac/a/b/g/n
WWAN	TDD-LTE (B38/B39/B40/B41)
	FDD-LTE (B1/B3/B7/B8)
	UMTS/HSDPA/HSPA/HSPA+ (900/2100 MHz)
	GSM/EDGE/GPRS (900/1800MHz)
VoLTE	LTE CAT6
CA	Downlink 300Mbps, B1/B3/B7/B40/B41
WPAN	BT 4.2/BLE
GPS	GPS/A-GPS, GLONASS, Beidou, Galileo
<b>Physical Specifications</b>	
LCD	5.0 inch, IPS, HD, visible under sunshine
Touch	GFF Captive Touch, Dragontrail Glass
Camera	Auto focus 13Mega, with flash LED
Keypad	Left/Right Scan Key, power key
	Back, HOME, Switch
Receiver	Support
Speaker	Min 90db at 10cm-1KHz Voice
Mic	Noise Reduction Mic
Charging IO	USB type-C, Charging Pad
Battery	4000 mAh, Non replaceable.
Dimension	158mm×76.2mm×12.6mm
Weight	226g
<b>Environmental Specifications</b>	
Operation Temperature	-20°C ~ +50°C
Storage Temperature	-30°C ~ +70°C
Humidity	10% ~ 90%
Drop	1.2m, concrete
Tumble	300hits, 0.5m, Steel
IP	IP65
ESD	±8kV Contact, ±15kV Air
Keypad lifecycle	300K
<b>Accessories</b>	
Charging Cradle	Support 1 device
<b>Gift Box</b>	
Device, Battery, QSG, Adapter, USB cable.	

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