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Model No.(Subject): EM-T42

Product picture



Product Outlook

Type	Details	Standard Configuration	Optional
Product Form	Type	Rugged handheld Terminal	NA
	Dimension	155.8*72*25	NA
	Weight	Device unit: g , Unit with giftbox and standard accessories:g, Docking: g	NA
	Device Color	black+black color (bottom shell : black color, front shell: black color)	silver color (bottom shell: silver color, front shell: silver color)
LCD	Screen Size	4 inch 16: 9	NA
	Resolution	480*800 IPS	NA
	Brightness	300/400 Nit	optional SLR Sunlight visible film

TP	Touch Panel	5points Capacitive, G+G, , Rigidity: above 7H-Anti-scratch,TP thickness: 1.1mm, COF, support handwrite	optional SLR Sunlight visible film
Camera	Front	Front2.0MP	NA
	Rear	Rear 8.0MP,with flash and auto-focus	1. 3MP
Speaker	Built-in	Embedded 8Ω/0.8W speaker x 1	NA
Mic	Built-in	Sensitivity:-42db, output resistance2.2kΩ	NA
Earphone	Built-in	built inx 1	NA
Battery	type	Li_polyment,battery loadable	NA
	Capacity	3.8V/4300mAh	NA
	Endurance	7hrs(default50%volumn, default 200lumens brightness, play1080P video)	NA

System Hardware Configuration

Type	Details	Descriptions	
CPU	Type	MT8735b (4core)	NA
	Speed	1.1GHz	NA
GPU	Type	ARM MaliT720-MP3 450MHz	NA
RAM	DDR3L	1GB/ LPDDR3	2GB
ROM	Emmc	8GB	16GB/32GB/64GB
Compass	Built-in	electronic compass	NA
G_sensor	Built-in	Gravity acceleration sensor	NA
Light sensor	Built-in	yes	NA
range sensor	Built-in	yes	NA
led indicate	Built-in	Power on led, In charging led	NA

Network Connections

Type	Details	Descriptions	
WIFI	WIFI	WIFI 802.11(a/b/g/n) Frequency 2.4G+5.8G dual band WIFI,	NA
Bluetooth	Built-in	BT4.1 (BLE) class1transmission distance: 10m	NA
3G/4G	Built-in	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	NA

GPS	Built-in	U-blox NEO-7,support:GLONASS,QZSS,GPS;Capture sensitivity::-160 dBm; Cool Start Time: <30 seconds, Hot start time: <28seconds, frequency: : 0.25 Hz ... 10 MHz (configurable)	NA
NFC	Built-in	<ul style="list-style-type: none"> ISO/IEC 14443A, ISO/IEC 14443B PCD 106 kbit/s to 848 kbit/s ▫ ISO/IEC 14443A, ISO/IEC 14443B PICC 106 kbit/s to 424 kbit/s ▫ MIFARE reader encryption mechanism (MIFARE 1K/4K) ▫ Reading NFC Forum tags (MIFARE Ultralight, Jewel, FeliCa open tag, ISO/IEC 14443-4) ▫ Reading DESFire card ▫ ISO/IEC 15693/ICODE reader ▫ NFC-IP1 and NFC-IP2 protocols (ISO/IEC 18092 /ECMA 340 and ISO/IEC 21481/ECMA 352) 106 kbit/s to 424 kbit/s ▫ B' and MIFARE card emulation 	
1D barcode scanner	Optional	Honeywell N4313	
2D barcode scanner	Optional	Honeywell3680/Zebra4710/Zebra 4750	

Interface Configuration

Type	Details	Descriptions	
TF slot	Extensive External	support SDHC/SDXC x1 max: 64G	NA
SIM slot	SIM card	SIMx1	NA
USB2.0 interface	data transmission	Micr usb2.0*1 OTG	NA
Earphone Jack	Audio Output	ϕ3.5mm standard earphone jack x1	NA
HOME key	home	HOME*1	NA
Menu Key	Menu	MENU*1,	NA
Back Key	Back	BACK*1,	NA
barcode	barcode	barcode *3	NA
POGO PIN	docking charger	charging function x1	NA
Power on	press key	power key x1	NA
Volume + -	press key	Volume + - x1	NA
others	press key	0-9 number keys、#key、*key、Fn key、back、ENT key、aA key	NA

Standard Accessories

Type	Details	Description	
USB cable	USB cable	micro USB cable 5P L=1.2M 4 core aluminum foil shield cable	NA
Power Adaptor	Standard	AC100V ~ 240V、 50Hz/60Hz output DC 5V/2A USA Standard CE approval	UK standard
			EU Standard

Software Configuration

Type	Details	Description	
Operation System	OS version	Andriod 7.0	NA

Software Configuration

Type	Details	Description	
Certificate System	IP65	IP65 Report: Water resistance: IP-X5, Dust resistance: IP-6X Report ID no.: SET2015-07677 a.Inner Nozzle diameter: 6.3mm; b. water speed: 12.5±0.625L/min; c. Water Pressure: adjust according to water volumn; d.Central part of water volumn: diameter of 40mm, distance from nozzle: 2.5M e.Spray time in surface of panel: about 1min; f.test time: at least 3min; g.distance between nozzle and panel surface: 2.5 ~ 3m。 After test, there is no water leakage in sample.	NA
	CE NB	Y	
	MIL-STD-810G	Y	
	Battery	UN38.3,MSDS,IEC62133	

Reliability

Type	Details	Descriptions	
Product Reliability	Drop Height	1.2m composite wood floors, in operation status	
	operate Temperatur	' -10 °C to 50 °C (-20 °C to 60 °C optional)	
	Store Temperatur	' -30 °C to 70 °C	
	Humidity	Humidity: 95% Non-Condensing	

Product feature:

1. support android 7.0 system;
2. Support standard USB2.0 OTG connector;
3. support NFC(13.56M) ;
4. Support GPS navigation;
5. Rugged IP65 protection level;
6. support high strength Glass Touch Panel;
7. Support Sling