



Tablet MDT880

Quick Start Guide

Parameters

Processor	Quad-core 2GHz
Storage	Flash: 128GB, RAM: 8GB, TF card: up to 128G
Camera	Rear: 40Mpixel autofocus camera
Screen	1280x800; capacitive touch
Network	2G/3G/4G/5G
WIFI	802.11 b/g/n
Bluetooth	V5.0
Lora	Optional
NFC	Supported
GNSS	GPS/ Glonass/ Galileo
Power	USB: TypeC USB / Pogo Pins with cradle
Camera Input	1 x analog, 1 x 720P, 1 x AHD camera
Battery	8000mAh

Attention

The tablet and battery should not be thrown into a fire and should not be used in places where the temperature exceeds the specified values. It may cause a fire or explosion of the battery. In addition, it will cause a leakage and will greatly reduce the functionality or the tablet cannot be used anymore. If you are charging the battery or using a tablet and you realize that the case temperature is unusually high because the battery has overheated, close applications. Do not charge the battery continuously for more than 24 hours. Ignoring these precautions could void your warranty.

Please charge and discharge the device in one cycle at room temperature if the device is stored for half a year or more.

Do not try to repair, adapt or disassemble the device without proper knowledge and precautions, as this may lead to dangerous situations with possible damage to the product.

Do not use in extreme conditions such as high and low temperatures, high humidity or humid environments and near magnetic fields.

Avoid prolonged exposure to sunlight. Use only accessories authorized by the manufacturer to avoid damage to the product and possible loss of warranty.



FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



TF/SIM card

- Unscrew the card cover
- Insert the SIM card and Micro SD card
- For easier removing the SIM card/ TF card from the inside card slot, Please paste the tape.
- Put back the card cover and lock the screws



Notices & Warnings

PLEASE CHARGE AND DISCHARGE THE DEVICE AS ONE CYCLE AT ROOM TEMPERATURE WHEN DEVICES ARE STORED FOR HALF YEAR OR ABOVE.

Customization Services

Topicon's device management server is developed to allow customer to update different firmware and make kiosk mode function:

- BOOT ANIMATION
- INSTALL APK
- ADD APN
- DEFAULT SETTING

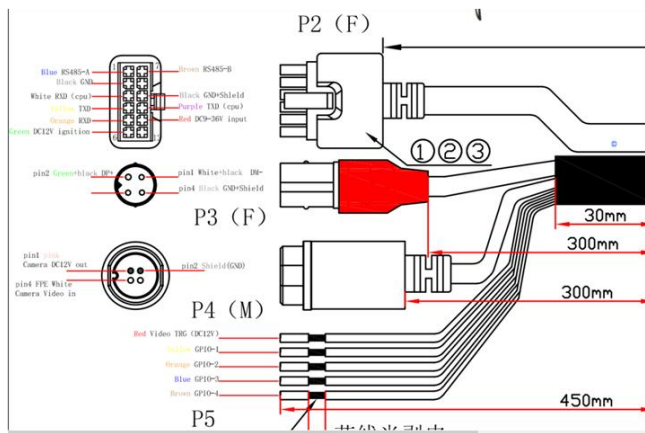
Interface

The cradle can offer below function

- Vehicle Input: DC 9V to 36V, ignition control with optional switch in the cradle
- Serial port: RS485 x 1, RS232 x 2
- Support one channel video input (Support AHD 720P, 1080P and Analog camera)
- Support four channels video input, with 4 trigger input
- I/O: Analog input ADC x 1, Digital input x 2, Digital output x 1

P2 Power and serial port connector

Pin	Definition
1	RS485-A
2	GND
3	RXD (CPU)
4	TXD (USB)
5	RXD (USB)
6	DC 12V Ignition
7	RS485-B
9	GND
10	TXD (CPU)
11	DC 9-36V input



P3 Camera Hub connector

Pin	Definition
1	DM-
2	DP+
4	GND

P5 GPIO Wires

Wires color	Definition
Red	Video input trigger DC12V
Yellow	GPIO-1 (Input 1)
Orange	GPIO-2 (Input 2)
Bule	GPIO-3 (output)
Brown	GPIO-4 (ADC)

To learn more about installations & start guides or more services, pls contact us:

sales@topicon.hk or follow us on YouTube channel "Topicon HK Ltd".

Radiation Exposure Statement:

This device meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. The SAR limit of USA (FCC) is 1.6 W/kg averaged. Device types: Tablet (FCC ID: 2AHAF-MDT880) has also been tested against this SAR limit. SAR information can be viewed on - line at <http://www.fcc.gov/oet/ea/fccid/>. Please use the device FCC ID number for search. This device was tested simulation typical 0mm to body.

To maintain compliance with FCC RF exposure requirements, the use of accessories should maintain a separation distance between the user's bodies mentioned above, the use of accessories should not contain metallic components in its assembly, the use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

This device has been tested and meets the IC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum of 0mm from the body. Noncompliance with the above restrictions may result in violation of RF exposure guidelines.

Cet appareil a été testé et répond aux directives d'exposition RF IC lorsqu'il est utilisé avec un accessoire désigné pour ce produit ou lorsqu'il est utilisé avec un accessoire qui ne contient pas de métal et qui positionne le téléphone à un minimum de 0 mm du corps. Le non-respect des restrictions ci-dessus peut entraîner une violation des lignes directrices relatives à l'exposition aux RF.



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- Increase the separation between the equipment and receiver.
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- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



Caution:

Use the Product in the environment with the temperature Between **-10°C and 40°C**;
Otherwise, it may damage your product. Products can only be used below 2000m altitude

For the following equipment:

Product Name: Tablet

Brand Name: /

Model No.:MDT880,T880,T880-X,PacebladeMDT-805,OBC880,MDT881,MDT781,
M880A,M880B, MDT880D

TOPICON HK LIMITED

E-mail: keller.sin@topicon.hk

hereby declares that this [Name: Tablet, Model: MDT880,T880, T880-X,
PacebladeMDT-805,OBC880,MDT881,MDT781,M880A,M880B, MDT880D]
is in compliance with the essential requirements and other relevant provisions of
Directive 2014/53/EU.



The product shall only be connected to a USB interface of version USB2.0 and that the connection to a power USB is allowed.

Use careful with the earphone maybe possible excessive sound pressure from earphones and headphones can cause hearing loss.



CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED
BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING
TO THE INSTRUCTIONS

BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING
TO THE INSTRUCTIONS



Adapter shall be installed near the equipment and shall be easily accessible.

Only can use adapter as below:

Power Adapter Model: GS-W20A0938C

Input: 100-240Va.c. 50/60Hz 0.6A Max

Output: 5Vd.c. 3A or 9Vd.c. 2.22A or 12Vd.c. 1.67A

Shenzhen Good-she technology Co., Ltd

This product is intended for sale and application in a business environment.

RED Article 10 2

-This product can be used across EU member states

RED Article 10 10

-The product is class 1 product, No restrictions

The RF distance between body and product is 0mm

Technical Characteristics of EUT	
2G	
Support Networks:	GSM, GPRS, EDGE
Support Bands:	GSM900, DCS1800
Frequency Range:	GSM900: Tx: 880-915MHz, Rx: 925-960MHz
	DCS1800: Tx: 1710-1785MHz, Rx: 1805-1880MHz
RF Output Power:	GSM900: 33.88dBm, GSM1800: 30.40dBm EDGE900: 22.86dBm, EDGE1800: 22.04dBm
3G	
Support Networks:	WCDMA, HSDPA, HSUPA
Support Bands:	WCDMA Band 1, WCDMA Band 8
Frequency Range:	WCDMA Band 1: Tx: 1920-1980MHz, Rx: 2110-2170MHz
	WCDMA Band 8: Tx: 880-915MHz, Rx: 925-960MHz
RF Output Power:	WCDMA Band 1: 22.14dBm, WCDMA Band 8: 23.01dBm



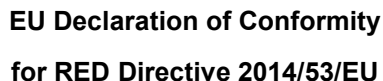
IC WARNING

This device contains licence-exempt transmitter(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



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have been fully fulfilled on our product with indication below:

Product Name: Tablet

Model No.:MDT880, T880,T880-X, Paceblade MDT-805, OBC880, MDT881, MDT781,
M880A, M880B, MDT880D

The following standards have been applied for the investigation of compliance:

ETSI EN 301 511 V12.5.1 (2017-03)

ETSI EN 301 908-1 V15.1.1 (2021-09)

ETSI EN 301 908-2 V13.1.1 (2020-06)

ETSI EN 301 908-13 V13.2.1 (2022-02)

ETSI EN 300 328 V2.2.2 (2019-07)

ETSI EN 300 330 V2.1.1 (2017-02)

ETSI EN 300 220-1 V3.1.1 (2017-02)

ETSI EN 300 220-2 V3.2.1 (2018-06)

ETSI EN 303 413 V1.2.1 (2021-04)

ETSI EN 301 489-1 V2.2.3 (2019-11)

ETSI EN 301 489-3 V2.1.1 (2019-03)

ETSI EN 301 489-17 V3.2.4 (2020-09)

ETSI EN 301 489-19 V2.2.1 (2022-09)

ETSI EN 301 489-52 V1.2.1 (2021-11)

EN 50663:2017

EN 62209-2:2010+AMD1(2019)

EN 50566:2017

EN 62368-1:2014+A11:2017



4G

Support Bands:	FDD-LTE Band 1, 3, 7, 8, 20, 28, TDD-LTE Band 38, 40, 41
Frequency Range:	FDD-LTE Band 1: Tx: 1920-1980MHz, Rx: 2110-2170MHz
	FDD-LTE Band 3: Tx: 1710-1785MHz, Rx: 1805-1880MHz
	FDD-LTE Band 7: Tx: 2500-2570MHz, Rx: 2620-2690MHz
	FDD-LTE Band 8: Tx: 880-915MHz, Rx: 925-960MHz
	FDD-LTE Band 20: Tx: 832-862MHz, Rx: 791-821MHz
	FDD-LTE Band 28: Tx: 703-748MHz, Rx: 758-803MHz
	TDD-LTE Band 38: Tx: 2570-2620MHz, Rx: 2570-2620MHz
	TDD-LTE Band 40: Tx: 2300-2400MHz, Rx: 2300-2400MHz
	TDD-LTE Band 41: Tx: 2496-2690MHz, Rx: 2496-2690MHz
Max. RF Output Power:	FDD-LTE Band 1: 22.41dBm, FDD-LTE Band 3: 23.18dBm, FDD-LTE Band 7: 22.64dBm, FDD-LTE Band 8: 23.45dBm, FDD-LTE Band 20: 23.58dBm, FDD-LTE Band 28: 23.22dBm, TDD-LTE Band 38: 23.35dBm, TDD-LTE Band 40: 22.75dBm TDD-LTE Band 41: 23.06dBm

5G NR

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SA Band:	n28; n38; n41; n78
Frequency Range:	n28: Tx: 703-748MHz, Rx: 758-803MHz
	n38: Tx: 2570-2620MHz, Rx: 2570-2620MHz
	n41: Tx: 2496-2690MHz, Rx: 2496-2690MHz
	n78: Tx: 3300-3800MHz, Rx: 3300-3800MHz
Max. RF Output Power:	n28: 25.01dBm, n38: 24.07dBm, n41: 27.35dBm, n78: 27.34dBm
Bluetooth	
Bluetooth Version:	Bluetooth V5.0
Frequency Range:	2402-2480MHz
Max. RF Output Power:	3.76dBm (EIRP)
Bluetooth	
Bluetooth Version:	Bluetooth V5.0
Frequency Range:	2402-2480MHz
Max. RF Output Power:	3.76dBm (EIRP)
Wi-Fi (2.4GHz)	
Support Standards:	802.11b, 802.11g, 802.11n-HT20/40
Frequency Range:	2412-2472MHz for 802.11b/g/n(HT20) 2422-2462MHz for 802.11n(HT40)
Max. RF Output Power:	16.70dBm (EIRP)
GPS	
Frequency Range:	1575.42MHz, 1176.45 MHz Receiving
NFC	
Frequency Range:	13.56MHz
Radiated H-Field:	-2.90dBuA/m(@3m)
Lora	
Frequency Range:	868.00MHz-868.6 MHz 869.4MHz-869.650 MHz
RF Output Power:	0.85dBm(ERP)

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urthermore, the ISO requirement for the in-process quality control procedure as well as the manufacturing process has been reached. The technical document as well as the test reports will be kept for a period at least 10 years after the last product has been manufactured at the disposal of the relevant national authorities of any Member State for inspection.

Detail contact information for this declaration has been listed below as the window of any issues relevant for this declaration.

Manufacturer Contact

Company: TOPICON HK LIMITED

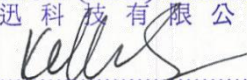
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For and on behalf of
Topicon (HK) Limited
高迅科技有限公司

Authorized Signature(s)

Signature

Date 18/11/2025

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