

**USER MANUAL
FOR
10.1 " PANEL PC**

Important Safety Instructions

Read these safety instructions carefully:

- Keep this equipment away from humidity and extreme temperature.
- Avoid exposing the device to direct sunlight or strong ultraviolet light for a long time.
- Do not drop the device or expose it to strong vibrations.
- Do not scratch or rub the screen with a hard or sharp object.
- Please turn off the power and unplug the power cable before cleaning the device, then wipe it with a moist and soft cloth.
- Do not disassemble or repair the device by yourselves without our authorization. If the damage is caused during the disassembly or repair, it will be out of warranty.
- Do not place your device or its accessories with flammable liquids, gases or explosive materials to avoid danger.

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Chapter 1 Introduction

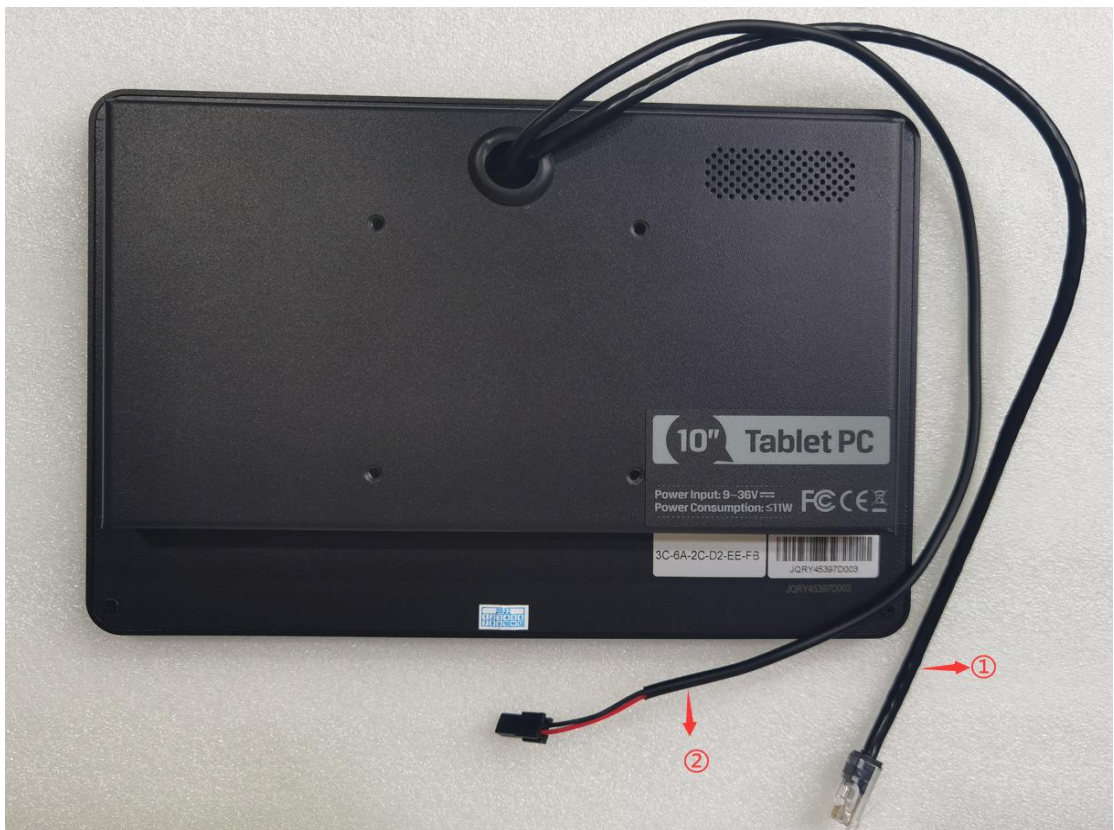
1.1 Product Highlights

- Qualcomm Cortex-A53 64bit Octa-core processor 1.8GHz
- 10.1 " multi-point capacitive touch screen, with 1280*800 resolution
- 1000cd/m² brightness, suitable for outdoor environment
- Android 9.0 operating system
- 4GB RAM and 64GB ROM
- Micro SD card (TF card) Storage
- With Wifi and Bluetooth

1.2 Specifications

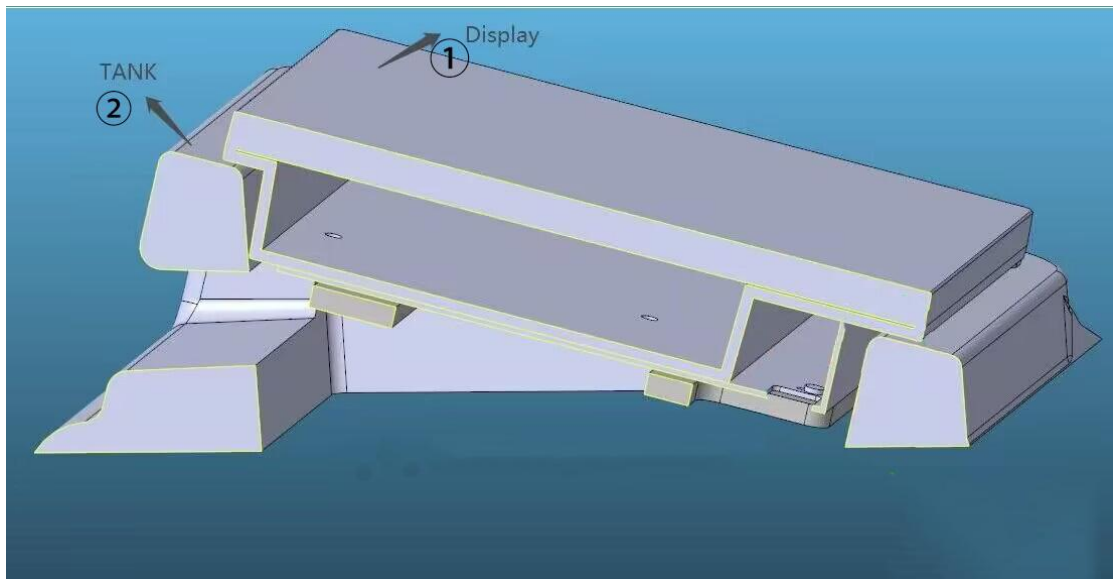
Parameters		
Display	TFT LCD 10.1 "	
Touchscreen	Multi-point Capacitive Touchscreen	
Power Input	DC 9-36V	
Display Resolution	1280×800	
Display Brightness	1000cd/m ²	
CPU	Qualcomm Cortex-A53 64bit Octa-core processor 1.8GHz	
ROM & RAM	64GB eMMC, 4GB LPDDR3	
GPU	Adreno 506	
Operating System	Android 9.0	
Interface	USB OTG×1	Up to 480Mbps

	LAN 100M×1	
	DC in×1	
Functions		
	Bluetooth	2402MHz~2480MHz
		Built-in Bluetooth 4.2LE+EDR2, compatible with HID, A2DP, AVRCP, BIP, BPP, FTP, HTP, HFP, HSP, OPP and SPP
Multimedia	Audio	MP3/AAC/AAC+/eAAC/AMR-NB/-WB/G.711/WMA 9/10 Pro
	Video	Encoding: 30fps 720P (H.264), 30fps WVGA(MPEG-4/VP8)
		Decoding: 30fps 1080P (H.264/MPEG-4/VP8/H.265 DivX4/5/6), 30fps WVGA (H.263)
Speaker	Built-in 2W, 85db	
Power Consumption	≤8W	
Operating Temperature	-10°C ~60°C	
Storage Temperature	-20°C ~65°C	
Dimension (LWD)	249×166×32mm	
Weight	980g	



① LAN cable

② DC Cable



① DISPLAY

② TANK



FCC Caution:

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.

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

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

IC Caution:

RSS-Gen Issue 5 "&" RSS-Gen numéro 5

- English:

This device contains licence-exempt transmitter(s)/receiver(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.

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

RF exposure statement:

The equipment complies with IC Radiation exposure limit set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.

- French:

Cet appareil contient des émetteurs / récepteurs exemptés de licence conformes aux RSS (RSS) d'Innovation, Sciences et Développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes:

- (1) Cet appareil ne doit pas causer d'interférences.

(2) Cet appareil doit accepter toutes les interférences, y compris celles susceptibles de provoquer un fonctionnement indésirable de l'appareil.

Tout changement ou modification non expressément approuvé par la partie responsable de la conformité pourrait annuler l'autorité de l'utilisateur à utiliser l'équipement.

Déclaration d'exposition RF:

L'équipement est conforme à la limite d'exposition aux radiations de la IC établie pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 0 cm entre le radiateur et votre corps.

Manufacturer's Name: LionsBot International Pte Ltd
28 Kranji Loop, Kranji Green, #03-05/06, Singapore 739571
Model number: PDT-0031-C1

This device was tested for operations. To comply with RF exposure requirements, a minimum separation distance of 0mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

This device in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. All essential radio test suites have been carried out.



	AT	BE	BG	HR	CY	CZ	DK
	EE	FI	FR	DE	EL	HU	IE
	IT	LV	LT	LU	MT	NL	PL
	PT	RO	SK	SI	ES	SE	

Function	Operation Frequency	Max RF Output Power
BT	2402~2480 MHz	2.49dBm