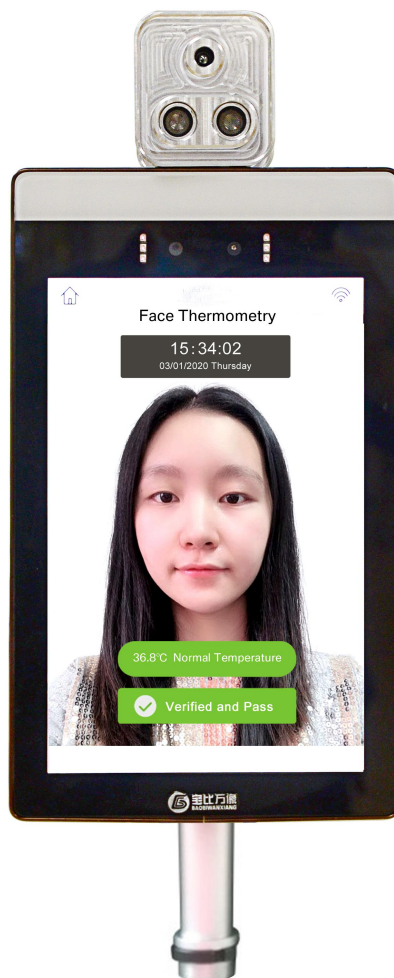


BAOBIWANXIANG Face Recognition Temperature Measuring Device Product Specification



Product Model: BV7257S

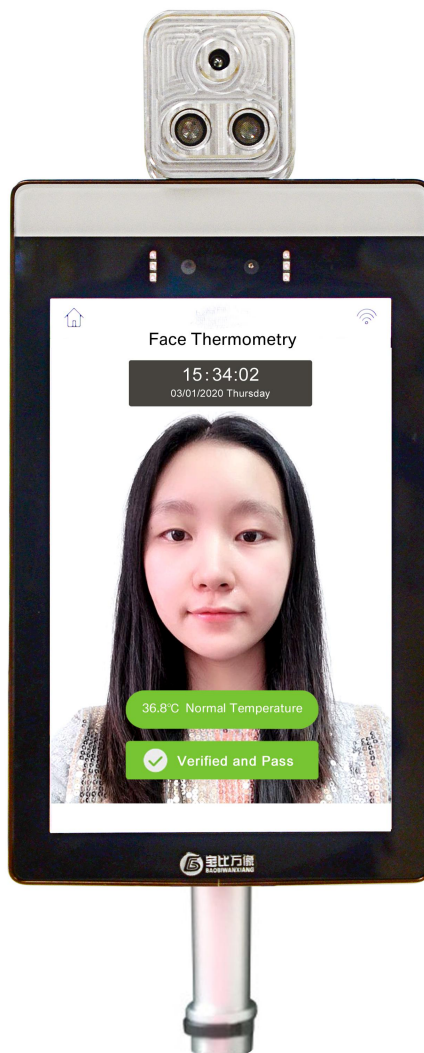
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Catalogue

1.Product Description.....	3
2.Product Diagram.....	5
3.Product Advantage.....	8
4.Specifications.....	9
5.Dimension.....	11
6.Wiring Instructions.....	13
7.Reminders.....	14

1.Product Description

BAOBIWANXIANG Face Recognition Temperature Measuring Device, Tablet face recognition terminal is aluminum alloy shell, waterproof, dustproof, high temperature resistance; 10-inch LCD display, super quad-core CPU, white fill flash; can realize face detection, face recognition, living body detection, body temperature measuring etc. Widely used in smart finance, smart city, smart campus, smart construction site, smart park, smart power, smart environmental protection, smart fire protection and smart management projects.

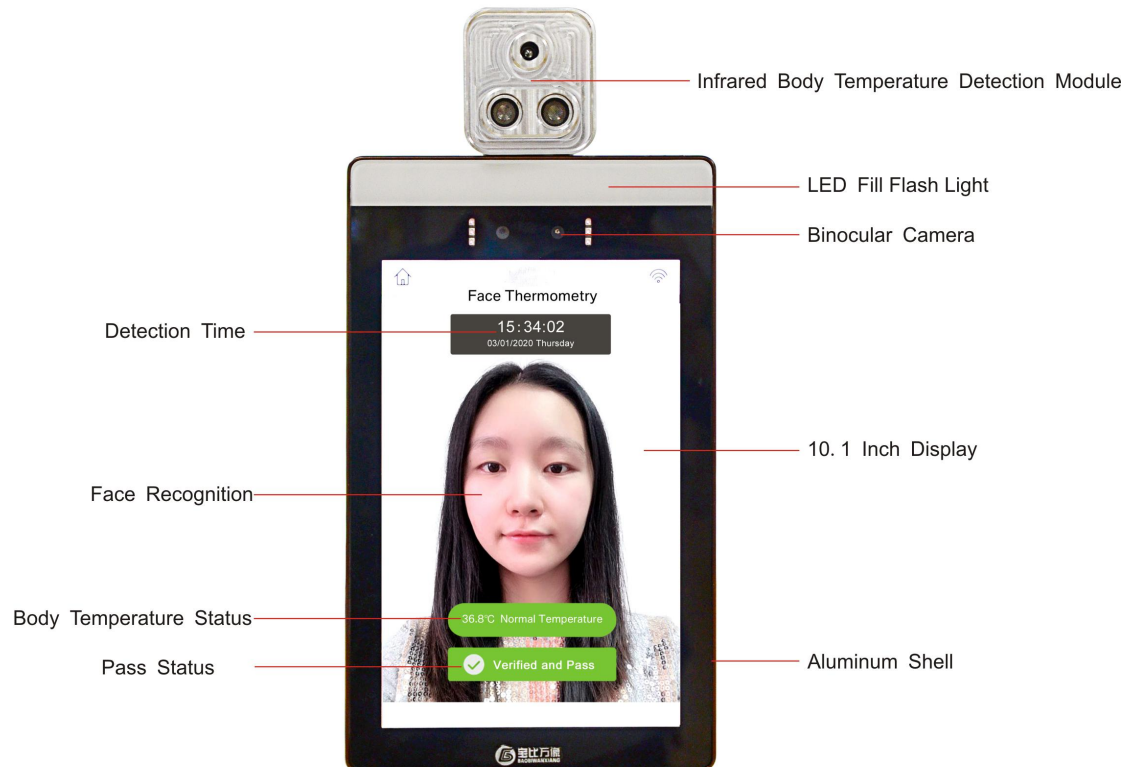


Product Features

- Infrared body temperature detection
- Accurate and efficient, over-temperature warning
- Identification records are traceable
- Non-contact measurement is safe
- Real-time temperature display, voice broadcast
- 10 inch HD display screen
- 99.99% face recognition accuracy
- Personnel information+ temperature information log

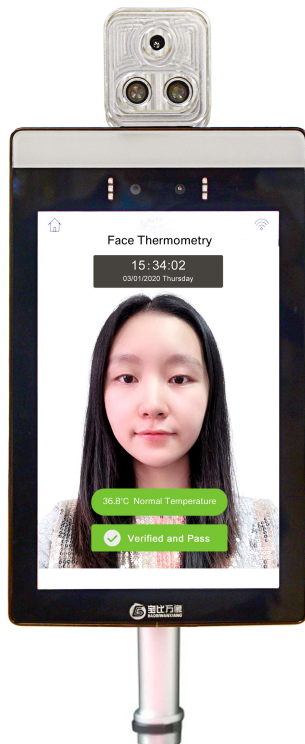
2.Product Diagram

2.1 Interface Layout

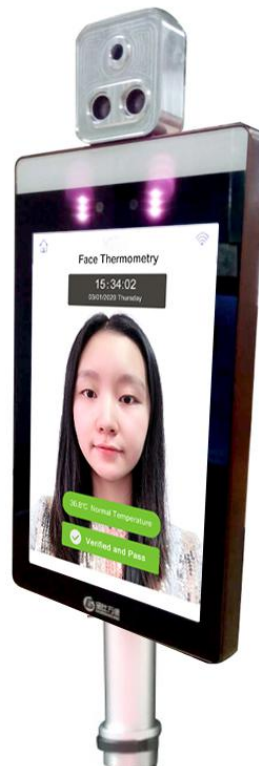


2.2 Product Portrait

2.2.1 Torch Holder

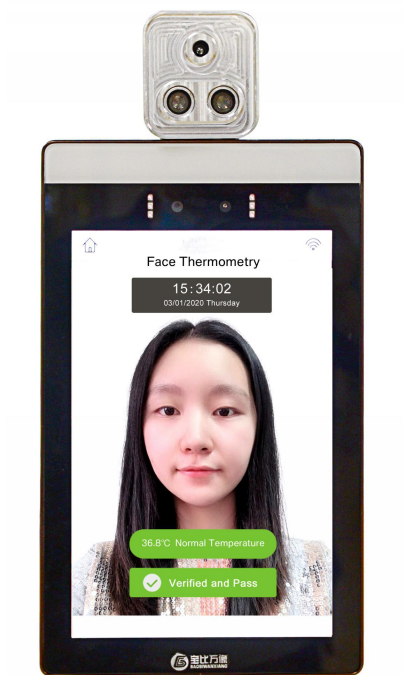


Front View

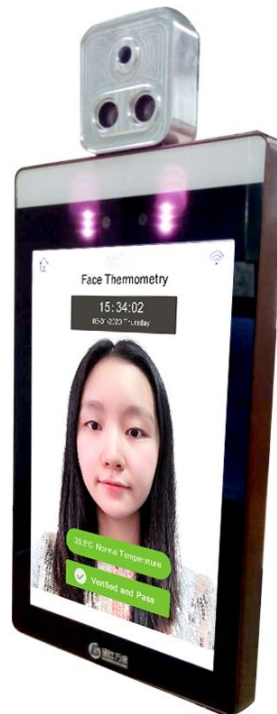


Side View

2.2.2 Hanging Wall Holder



Front View



Side View

3.Product Advantage

*Wide dynamic binocular live anti-counterfeiting, LED flash at night,LED lights hint;

*Use dynamic face detection and tracking recognition algorithms based on video streams;

*1:N Face Recognition:Face database capacity of 10000 faces,Top1 hit rate is 99.99%;

Within 0.1% false accept rate,pass rate 99%. Within 0.01% false accept rate, pass rate 96%.

*Fast recognition speed. (A) Face tracking and detection takes about 20ms. (B) Face feature extraction takes about 200ms. (C) Live detection face comparison takes 0.2ms. (D) Feature comparison takes 0.5. ms (10,000 person database, multiple identification and average);

*Quickly temperature measurement function. Device equipped with a built-in body temperature monitoring module, which can monitor human body temperature during face recognition. Realize real-time temperature monitoring and over-temperature warning for access control ;

*Support public network LAN deployment .

*Cloud platform system support for access control, attendance management, temperature measurement,all data can be monitor through background at any time.

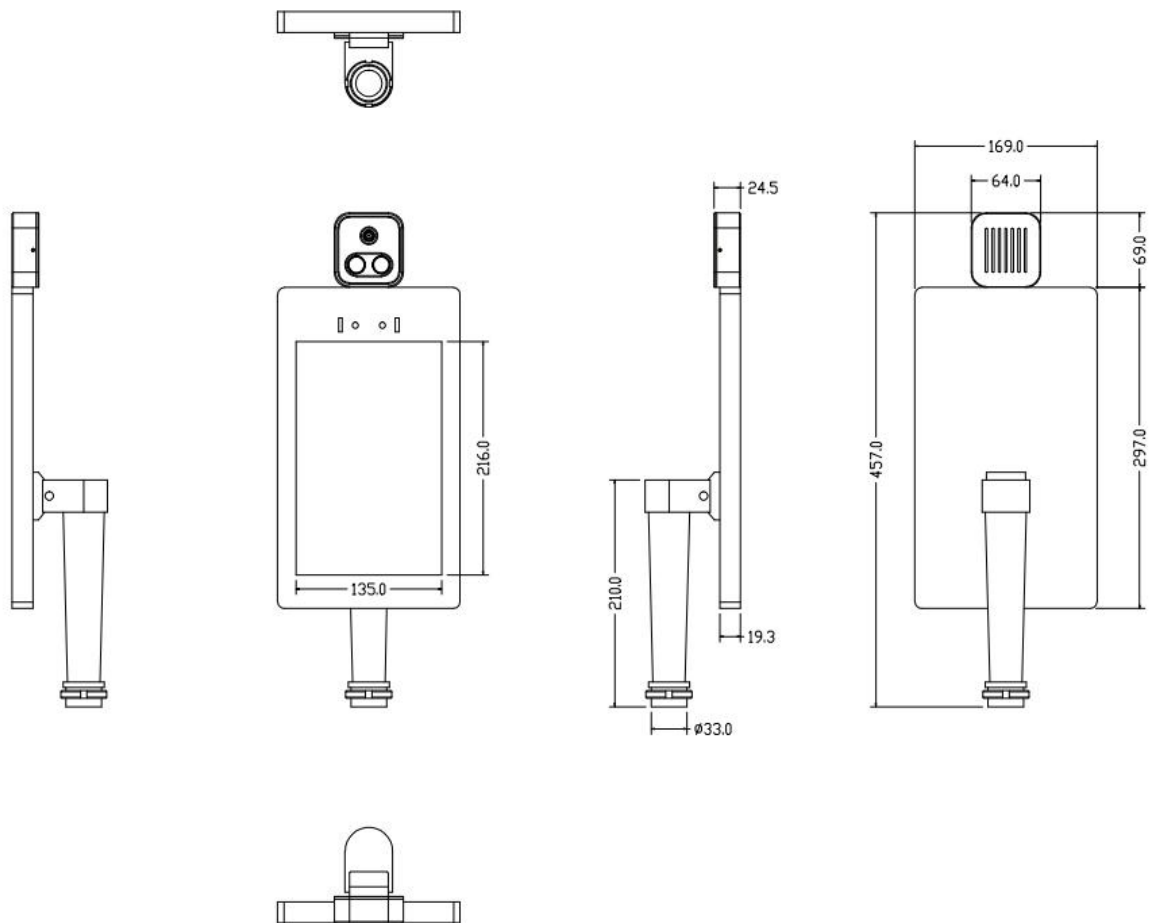
4.Specifications

Performance	Operating System	Android 5.1
	CPU	4-core 1.8GHz high-performance processor
	Memory	16GB ROM + 2GB RAM
Screen	Size	10 inch, 170°IPS LCD screen with full viewing
	Resolution	1280*800
	TP	Optional
Camera	Type	Binocular live camera
	Resolution	2 million pixels
	Aperture	F2.4
	Focal Length	4.7mm
	White Balance	Auto
	Wide Dynamic	Support
Core Parameters	CPU	4cores, 1.8GHz
	Storage Capacity	Memory 2G, storage 16G
Accessories	Fill Flash	LED fill flash (White, Green, Red)
	Network	Network module supports wired, wireless (2.4GWiFi), 4G module(Optional)
	Holder	Optional: Torch Holder、Hanging Wall Holder
Interface	Audio	With speakers
	USB Interface	Including USB interface, switchable with OTG interface
	Serial Port	RS232 serial port
	Relay Output	Relay output interface
	Wired Network Interface	RJ45 network port
Face Recognition	Face Detection	Detection rate is 97% in the case of 0.7% false accept rate when detecting and tracking 15 people at the same time.
	1:N Face Recognition	<p>Top1 hit rate is 99.99%; Within 0.1% false accept rate, pass rate 99%. Within 0.01% false accept rate, pass rate 96%. (Standard data sets LFW, pass rate >99.82% ± 0.0007)</p> <p>*GLOSSARY:</p> <p>[Top1 Hit Rate]: Find out the Top with the highest degree of acquaintance person, among which top1 is the probability of the designated person;</p> <p>[False Accept rate]: FAR, is the probability of mistaking others as designated person;</p>

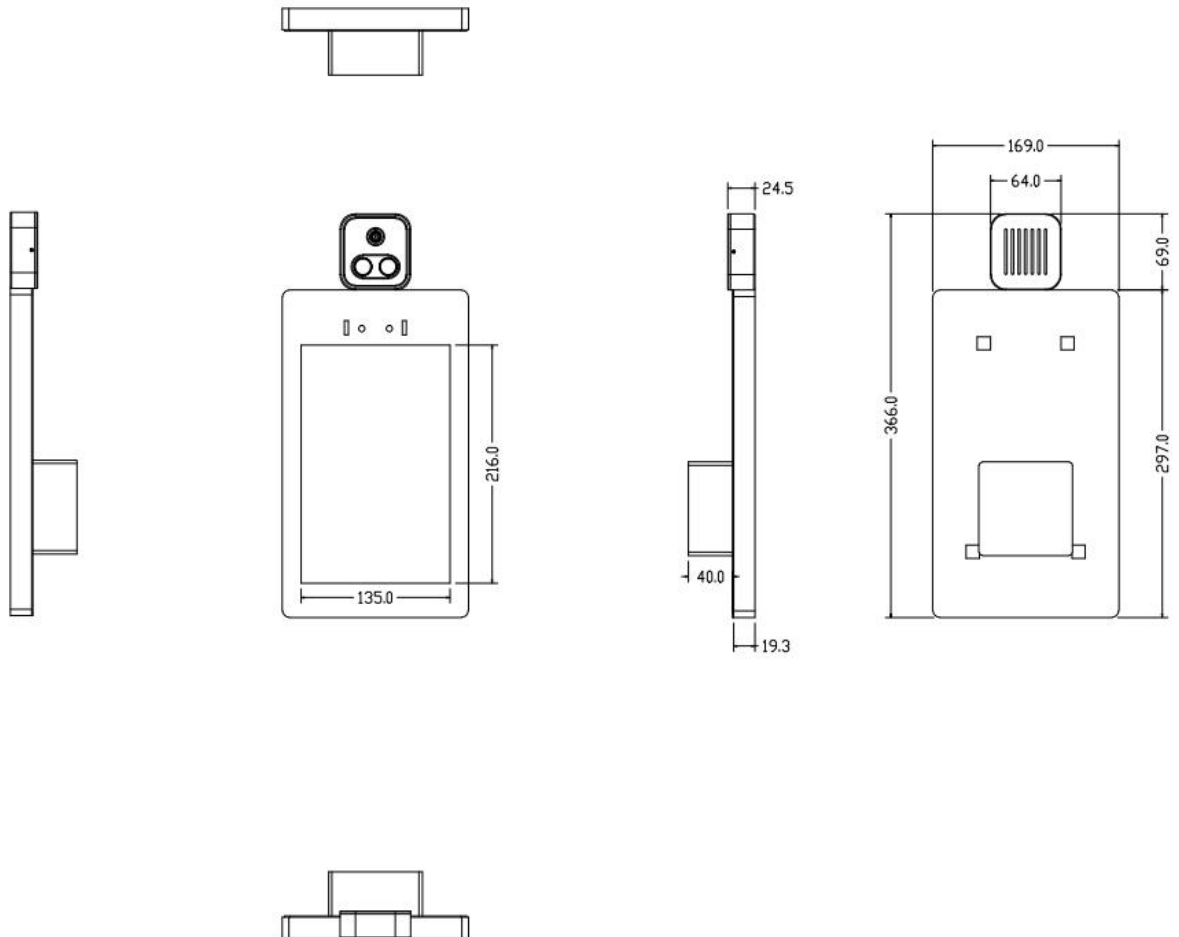
		<p>[False Reject Rate]:FRR, is the probability that the designated person be mistaken as other person;</p> <p>[Pass Rate]: The probability that the designated person is identified as the designated person, the sum of the Pass Rate and False Reject Rate is equal to 1;</p>
	1:1 Recognition Comparison	Above 99%
	Stranger Detection	Support
	Identification Distance Configuration	Support
	Off-line Identification	Support cloud platform system, offline identification
Body Temperature Measurement	Temperature Measurement Method	Infrared thermal image
	Thermal Imaging Resolution	32* 24/12μm
	Maximum Infrared Image Size	≥320*320.0.5Meters
	Ambient Temperature Compensation	Automatic calibration, suitable for different environments to maintain high precision level
	Angle of View	33°
	Measurement Range	Body temperature mode: 34.0 ° C-42.9 ° C
	Measurement Time	≤1 second
	Measurement Distance	≤1 meter (the best detection distance is 50cm-70cm)
	Measurement Accuracy	±0.3°C
	Voice Broadcast	Real-time monitoring, over-temperature warning
	Backlight	<p>Body temperature mode: 34.0°C-42.9°C (Green Color)</p> <p>Below 34.0 ° C, displays Lo in screen,Backlight green color, non-human body temperature</p> <p>Above 42.9 ° C, displays Hi in screen,Backlight red color, non-human body temperature</p>
General Parameters	IP Rate	IP42,dust and wate proof
	Power Supply Voltage	DC12V 3A , Maximum Power 36W
	Storage and Transportation	-20°C~+55°C;Relative humidity:≤93%; Atmospheric pressure:70kpa~106kpa
	Working Environment	-10°C~+35°C;Relative humidity:≤85%; Atmospheric pressure:70kpa~106kpa
	Usage Time	5 years

5.Dimension

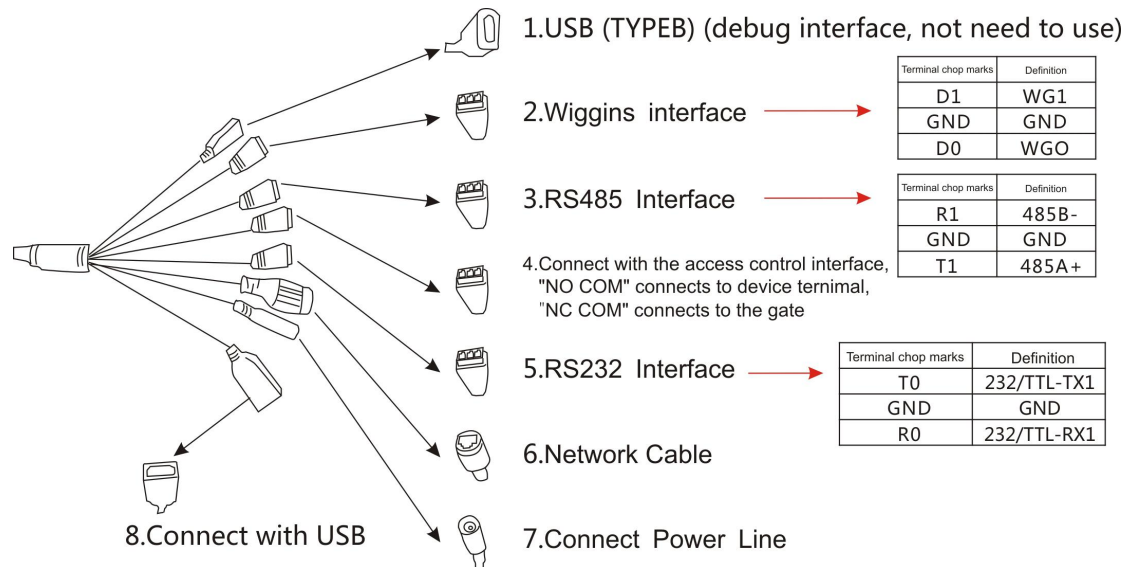
5.1 Torch Holder(mm)



5.2 Hanging Wall Holder(mm)



6. Wiring Instructions



7.Reminders

*This product is recommended for indoor use.

*Please keep away from Glass Door and avoid direct sunlight.

* Product should be prevented from solarization, drenching and over-heat if outdoor usage.

Turn on BT and connect BT Device

- Turn on BT on BAOBIWANXIANG Face Recognition Temperature Measuring Device and search for the other BT device. Then will find the model's BT name .
- Connect with Model. Click the “ok” on device.
- “Connected” message will appear. Connected successfully.

Turn on WIFI and connect WIFI

- Turn on WIFI on BAOBIWANXIANG Face Recognition Temperature Measuring Device and search for the other BT device. Then will find the model's BT name .
- Connect with Model. Click the “ok” on device.
- “Connected” message will appear. Connected successfully.

USB Function

- Just insert a USB flash drive. USB mode will be started automatically.

FM Radio Function

- Press “MODE” on the product to switch to FM mode. Radio will be started automatically

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.

***RF warning for Mobile device:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

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