

CAT[®] Q10



CATPHONES.COM



USER MANUAL

PLEASE READ BEFORE FIRST USE SAFETY PRECAUTIONS

Please read this manual and the recommended safety precautions to ensure the correct use of this device.

If used in saltwater, rinse the device afterwards to avoid salt corrosion.

Avoid hitting, throwing, crushing, puncturing or bending the device.

Do not switch on the device in a circumstance when it is prohibited or where it may cause interference or danger.

When driving please ensure you adhere to local laws regarding the use of phones.

Always follow any device use rules in hospitals and health care facilities.

Please consult your doctor and the device manufacturer to determine if operation of your device may interfere with the operation of your medical device.

When travelling by air follow the guidance of airline personnel regarding the use of mobile phones on aircraft.

Do not switch on the device in a circumstance where the use of mobile phones is prohibited, or in a situation where the device may cause interference or danger.

Please be aware that disassembling your device may impact the device warranty.

Take caution and follow guidelines when using the device in environments with flammable gas, such as a gas station.

Keep the device and its accessories away from young children. Do not allow children to use the device without guidance.

It is recommended to use a Cat Phones approved chargers to charge your device.

Observe any laws or regulations on the use of wireless devices. Respect others' privacy and legal rights when using the wireless device.

Turn off your device when in areas signed to turn off 'two-way radios' or 'electronic devices' to avoid interfering with other equipment.

Complete safety instructions can be found at <https://www.catphones.com/support/>

LEGAL NOTICE

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NOTICE

Some features of the product and its accessories described herein rely on the software installed, capacities and settings of local network, and may not be activated or may be limited by local network operators or network service providers. Therefore, the descriptions in this manual may not exactly match the purchased product or its accessories.

The manufacturer reserves the right to change or modify any information or specifications contained in this manual without prior notice or obligation.

The manufacturer is not responsible for the legitimacy and quality of any products that you upload or download through this device including text, pictures, music, movies, and non-built-in software with copyright protection. Any consequences arising from the installation or usage of the preceding products on this device is accountable to you.

IMPORT AND EXPORT REGULATIONS

Customers shall comply with all applicable export or import laws and regulations. Customers must obtain all necessary governmental permits and licenses to export, re-export or import the product mentioned in this manual including the software and technical data.

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WELCOME TO THE CAT® Q10

The Cat Q10 is an advanced professional tool, a portable rugged hotspot with muscles. One solid spec, but many professional use cases. Engineered with a superior level of rugged protection in a highly portable design. If you work hard and play hard, the Cat Q10 is tough enough to survive the drops, bumps and dings of the day to day while still providing the reliability that our customers expect from Caterpillar's category-leading rugged credentials.

RUGGED CREDENTIALS

DROPPING YOUR DEVICE:

- Do: Use your device up to a height of 1.8 meters – it's drop proof within this height range.
- Don't: Throw it with force or drop from above the 1.8 meters; it's durable, but not indestructible.

WATERPROOFING:

- Do: Use your device in damp and wet conditions. Ensure all components and covers are properly closed before using in such environments.

DUSTPROOF:

- Do: Use your device in dirty, dusty environments. The Cat® Q10 is certified IP68, an industry standard measure for durability.

EXTREME TEMPERATURES:

- Do: Use your device within the operational temperature range of -10°C (14°F) to 55°C (131°F). It can also handle extreme changes in temperature: shifting between cold and hot, or vice versa very quickly.
- Don't: Use it outside the range of 0°C to 45°C without the use of protective gloves.

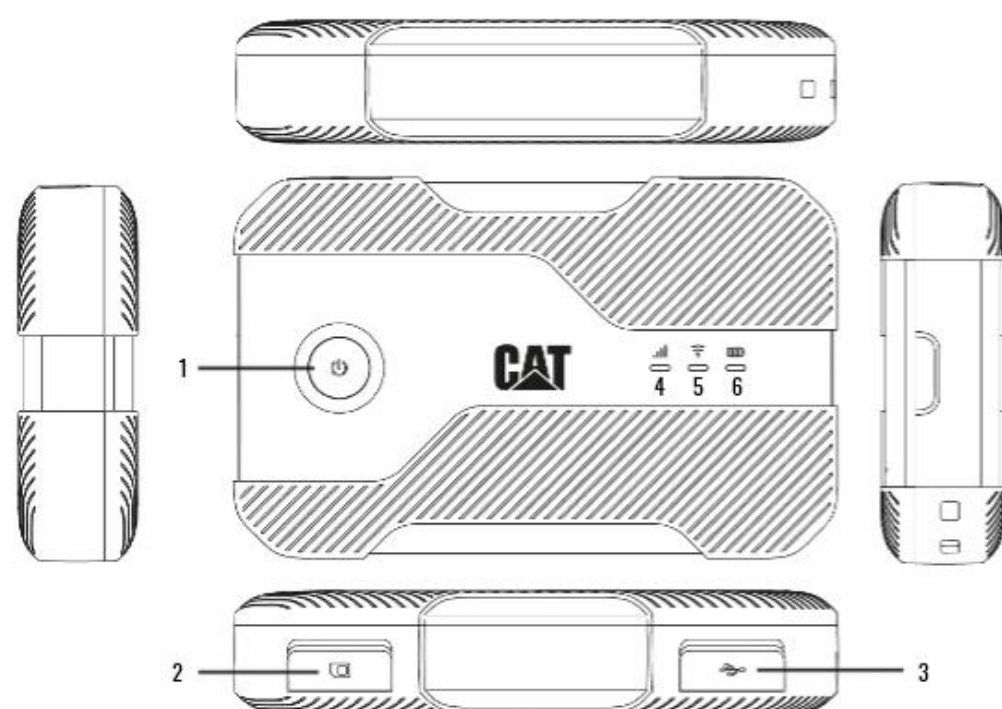
WHAT'S IN THE BOX

- Device
- Quick start guide
- USB C power cable

GETTING STARTED

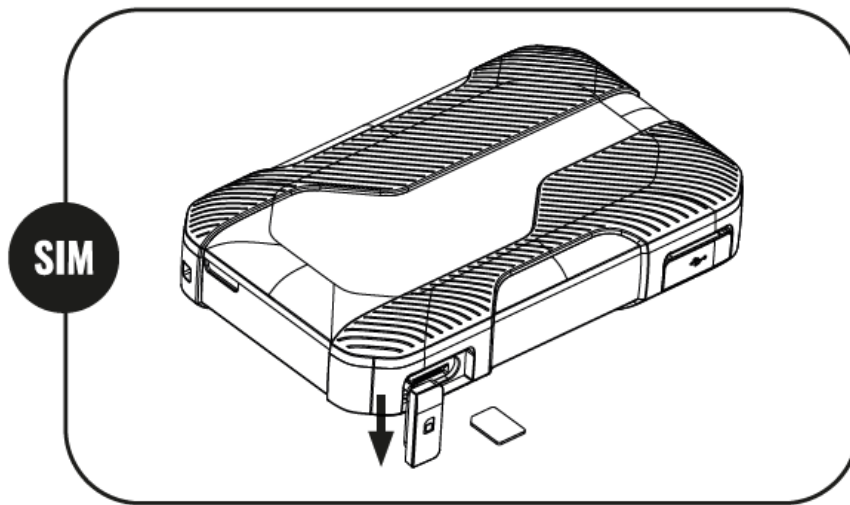
DEVICE DESCRIPTION

1. Power button
2. SIM Door
3. USB cover
4. Network signal LED
5. WI-FI LED
6. Battery LED



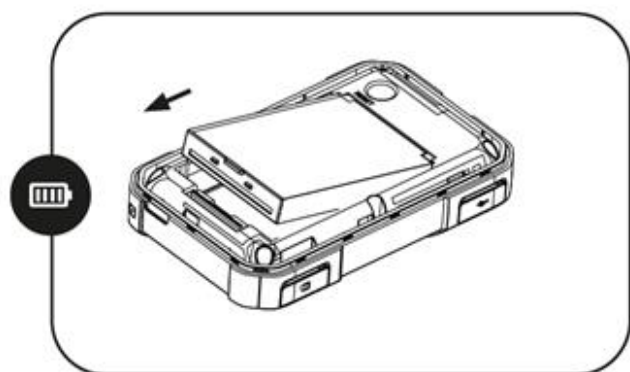
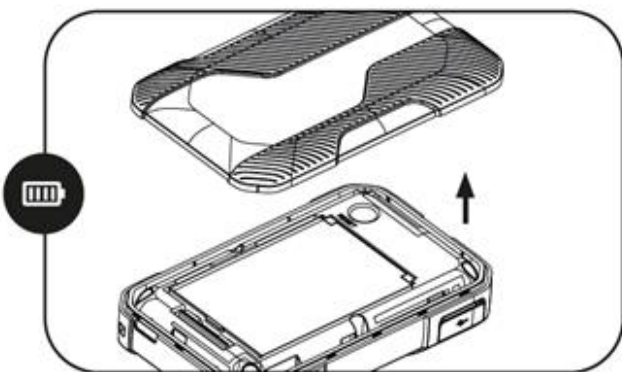
INSTALLING SIM CARD

1. Use your fingertip to open the SIM door.
2. Insert the SIM card to the SIM slot with the gold pins of the SIM card facing towards the power button on the front of the device.
3. Push the SIM inwards until you hear a click, and it locates.
4. Push the SIM door back into position until it is securely closed.



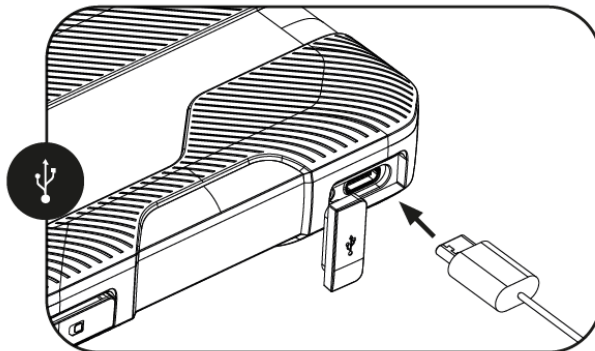
INSTALLING BATTERY

- Remove the back cover from the device.
- Place device upside down onto a flat surface.
- Locate the metal contacts on the battery to the pins on the housing.
- Push Battery down into device until it fits into position.
- To replace the back cover, ensure that the locator stub on the back cover is correctly positioned so that it inserts to the reset hole located on the back of the device next to the battery. Once located push the cover firmly back onto the device. Please note failure to do this will compromise the seal on the device and the Cat Q10 waterproofness.



CHARGING DEVICE

7. Use your fingertip to open the USB port cover.
8. Insert USB cable.
9. Once charging is complete remove USB cable and ensure that door is securely closed.



When battery power is exhausted, your device will power off automatically. The time required to charge the battery depends on its age and the environmental temperature.

If the battery is completely exhausted, your device may not power on immediately after charging starts. Allow the battery to charge for a few minutes before attempting to turn it on.

NOTE:

Your device may also power off during usage if it is consuming more power than it is being supplied by the charger. To avoid this, we recommend the use of a Quick Charge 2 or higher compatible charger.

POWERING YOUR DEVICE ON/OFF

POWER ON

Press and hold the Power Key for 3 seconds until all three LEDs flash green.

- Whilst the device is booting, the battery LED will continue to blink.
- The Signal and Wi-Fi LED will remain off until ready.
- Once all 3 LEDs are lit, the device has powered on. This should take about 1 minute unless the device has a firmware update to perform
- If the Network and Wi-Fi icons are blinking red, you may have an issue. (Please see FAQs).

POWER OFF

- Press and hold the Power Key for 3 seconds until all three LEDs flash amber.
- Whilst the device is shutting down, the battery LED will continue to blink.
- When all LEDs are off. The device is powered off.

LED DEFINITIONS

BATTERY INDICATOR LED

LED BEHAVIOUR

Solid Green

Solid Amber

Solid Red

Flashing Green

Flashing Amber

Flashing Red

No LED

BATTERY STATUS

60% +

21% - 59%

1% - 20%

60% + and charging

21% - 59% and charging

1% - 20% and charging

Device powered off, not charging

NOTE:

It is possible to operate the Cat Q10 without a battery inserted. Should you operate the device in this mode, you will see the following Battery indicators:

LED BEHAVIOUR

Flashing Green

Flashing Red

DEVICE STATUS

Device operating normally

Charger unsuitable for this mode of operation. Device will not power on.

Wi-Fi INDICATOR LED

LED BEHAVIOUR

SOLID GREEN

NO LIGHT

BLINKING RED

DEVICE STATUS

Wi-Fi enabled

Wi-Fi off (Power save mode)

Wi-Fi Error

NETWORK SIGNAL INDICATOR LED

LED BEHAVIOUR

SOLID GREEN

BLINKING RED

SIGNAL STATUS

Connected to cellular network

Not connected to cellular network

CONNECTING TO YOUR CAT Q10

CONNECT TO CAT Q10

1. Ensure that your Cat Q10 is powered on, and LEDs indicate network coverage is available.
2. Search for Wi-Fi networks from the device you wish to attach.
3. You should see the Cat Q10 Network name (SSID) in the format 'Cat Q10 – XXXX'
4. Enter the Default password for this connection and connect to Network.

NOTE:

Both the Default SSID and PASSWORD are supplied in the box but can also be found inside the back cover of you Cat Q10.

Alternatively, If the device you are connecting from can scan QR codes you will find a QR code inside the box titled 'CONNECT TO NETWORK' which will connect you to the default SSID using the default password.

You should now be connected to the internet via your Cat Q10. You don't need do anything else other than use your device. However, we recommend that you login to your MyQ10 portal to change both the user and admin passwords.

LOGIN TO MyQ10 PORTAL

Now that you are connected to your Cat Q10 you can login to the MyQ10 portal to configure your device. Please note this is entirely optional.

- Launch any browser on your device connected to your Cat Q10.
- Navigate to <http://192.168.1.1>
- Read and agree to the Privacy Policy and Software update terms.
- Login to the device with the default admin password 'admin' when prompted

CHANGE SSID and Wi-Fi PASSWORD

- Navigate to 'Wi-Fi'. (Note on some devices you may need to open the settings menu to see this).
- Change SSID and/or password.
- Save changes.
- Device will take a minute to reset, at which point you will have to re-connect to the new SSID using the new password if changed.

NOTE:

The SSID and password supplied in the box and inside the back cover are no longer valid if changed. However, if you factory reset your device the SSID and password will be returned to default.

CHANGE ADMIN PASSWORD

- Navigate to 'System > Change login password'
- Enter the current admin password, then reconfirm the new admin password twice.
- Save changes.
- You will be automatically logged out of the Homepage, if you wish to login again you will need to use your new admin password.
- If you lose your admin password and need to factory reset your Cat Q10, you can do so by pressing the reset button on the back of the device.

MyQ10 PORTAL

Now that your CAT Q10 is up and running, you can look to use some of the more advanced settings of your device should you wish. This section focuses on highlighting some (but not all) of the key features available to you. Unless you are an advanced user or have a strong requirement to change these settings, we would recommend that default settings are maintained where possible.

HOME PAGE

- This is simply a dashboard that details the status of your device.
 - o Your connection status (Connected/Not connected).
 - o Your 5G signal strength (if available).
 - o Your 4G LTE signal strength (if available).
 - o Your total data uploaded and downloaded.
 - o Number of devices connected to the Cat Q10.
 - o Battery status.

Wi-Fi

- As previously detailed this screen can be used to change SSID and username. You can also configure more advanced settings such as showing 2.4GHz and 5GHz SSID separately, configuring Wi-Fi channels, hiding SSID and customizing bandwidth and security settings.

INTERNET

- Select your preferred internet connection type. (We recommend 'Auto' mode)
- Modify your Access Point Name (APN)
- Control your SIM PIN to make your device more secure.

NOTE:

If you have a SIM PIN activate on your SIM card, you will have to log into the MyQ10 portal every time you power it on and enter the SIM pin. You should be prompted for this automatically after logging into the MyQ10 portal. If you have not entered your SIM PIN the device will not connect to the network and the Network signal LED will blink red.

- Enable Airplane mode (Disable network connectivity)
- Enable Data Roaming

NOTE:

If you do not have this feature enabled, your Q10 will not connect to the internet outside of your home network. The device will not connect to the network and the Network signal LED will blink red. If you enable this feature, roaming charges may apply.

SYSTEM

- View system information, e.g., IMEI, MAC and IP addresses.
- Check and perform Firmware updates
- Change Admin password
- Adjust time settings
- Perform MAC filtering
- Change LAN settings
- Factory Reset Device (Restore ALL settings to factory default)
- Restart Device.

CONNECTED DEVICES

- Simply displays all devices currently connected to your Cat Q10.

QR CODE

- Provides QR codes for other users to connect to your device. Please note, unlike the sticker inside your box, this QR code is dynamic and updates as you change your SSID and password.

BATTERY

- This menu gives you the option to enable 'Always on' charge mode.
 - o We recommend you enable this feature if you plan to continuously keep your device connected to a power source. This mode limits the battery capacity to 60% and helps prevent battery damage. This mode will not degrade device performance.

OTHER

- Enable/Disable USB tethering. (Default on).
 - o This allows you to use your Cat Q10 via USB instead of via Wi-Fi.
- Set and monitor data usage.
 - o Enable the feature and set a maximum data usage limit, and a reminder.
 - When you reach your data limit, the device will prevent further data transmission for the defined interval, unless reset.

MESSAGES

- Your Cat Q10 is capable of receiving SMS notifications.
 - o You can also send basic SMS messages by clicking the '+' symbol on this page.

EVENTS

- This section contains system information related to events such power on/off, overheating notifications and FOTA status.

HELP

- Weblinks to Support, Privacy Policy and Regulatory information.

FAQs

HOW DO I UPDATE THE CAT Q10 FIRMWARE?

The default setting is for automatic firmware updates. We strongly recommend that you keep this option enabled to remain up to date with the latest software and security updates. Should you wish to disable this feature at any time you can do so by logging into the MyQ10 portal and navigating to the Firmware page and deselecting the 'Auto update' option:

Settings > System > Firmware version > Auto update

HOW DO I CHECK FOR A SOFTWARE UPDATE MANUALLY?

If you have disabled auto firmware updates and want to check to see if there is a new firmware for your device. You can navigate to the Firmware page and compare the 'Current version' against 'Latest version'. If there is an update for your device, you will be able to click the 'FOTA UPGRADE' button at the bottom of the page. If this button is greyed out, then there is no update available for your device.

HOW DO I KNOW WHEN MY CAT Q10 IS PERFORMING A FIRMWARE UPDATE?

The LEDs will flash green in sequence one after another until the update is complete. Please do not power off your device off during this activity. The device will perform an update at power on if one is available. Again this is shown by green running lights.

WHAT HAPPENS IF I FORGET MY Wi-Fi PASSWORD?

You can log in to the MyQ10 portal and change your Wi-Fi password from the Wi-Fi page.

WHAT HAPPENS IF I FORGET MY ADMIN PASSWORD?

If you have changed and forgotten your admin password, you can factory reset your device which will return to the device to factory settings. All user information will be lost, and you will need to connect to the device using the original Wi-Fi password. This will also return the admin password to 'admin'.

To factory reset your device, ensure the device is powered on. Remove the back cover, then press the 'reset' button on the back of the device. The LEDs on the device will blink green in order three times, then shortly after the device will enter its normal boot sequence.

CAN I TETHER THE DEVICE TO MY PC?

Yes, you can. If you connect your device to a PC or laptop and it is powered on, it should create an internet connection via your USB connection. You can also access the MyQ10 portal through this connection.

WHY IS THE Wi-Fi LED ON MY DEVICE NOT ON?

This is because 'Power saving' mode has been enabled on the device. Wi-Fi is turned off to save power when no devices are actively connected. To resolve this issue simply tap the power key and wait approximately 30 seconds for the Wi-Fi to turn back on. 'Power saving' mode is by default disabled on the device.

WHY IS THE NETWORK LED ON MY DEVICE BLINKING RED?

This is because the device has no cellular network connection. Please check:

- Is there a SIM card inserted?
- Is the SIM card inserted the right way up?
- Is there a SIM PIN active on the SIM card?
 - o If so, you will need to log into the MyQ10 portal and enter the SIM PIN to activate the SIM card.
- Have you travelled abroad? If so, you will need to log into the MyQ10 portal and enable data roaming.
- Has the SIM reached its data limit?
- Has your Cat Q10 loaded the correct APN?
 - o You can check this by logging into the MyQ10 portal, navigating to 'Internet > APN'. If there is no APN showing, you may need to add one manually. If the APN is wrong, you can manually edit it. You may need to contact your operator to find out the correct APN settings if you are unsure.

WHY DOES MY CAT Q10 NOT CONNECT TO THE INTERNET?

Please check the following:

- Device is charged and powered on
- A SIM card is inserted to the device
- Check the led indicators on the device
 - o Ensure you have network connectivity
 - o Ensure you are connected to Wi-Fi or tethered to the Cat Q10.
- Check you have not set and exceeded a data limit on your device.
- Check you have a valid APN.
 - o MyQ10 portal > Internet > APN
 - Here you can modify or add new APNs.

APPENDIX

OPERATING TEMPERATURE

Keep the ambient temperature between 0°C and 45°C while the device is being charged. Keep the ambient temperature between -10°C (14°F) to 55°C (131°F) for using the device powered by a battery. Please wear protective gloves while using it outside the range of 0°C (32°F) to 45°C (113°F).

VIEWING THE E-LABEL

To view the regulatory information on your device, do the following:

From the Home Screen, tap > Settings > Help > Privacy Policy.

CE SAR COMPLIANCE

This device meets the EU requirements (1999/519/EC) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

The limits are part of extensive recommendations for the protection of the general public. These recommendations have been developed and checked by independent scientific organizations through regular and thorough evaluations of scientific studies. The unit of measurement for the European Council's recommended limit for mobile devices is the "Specific Absorption Rate" (SAR), and the SAR limit is 2.0 W/ kg averaged over 10 grams of tissue. It meets the requirements of the International Commission on Non-Ionizing Radiation Protection (ICNIRP).

For body worn operation, this device has been tested and meets the ICNIRP exposure guidelines and the European Standard EN 62209-2, for use with dedicated accessories. Use of other accessories which contain metals may not ensure compliance with ICNIRP exposure guidelines.

SAR is measured with the device at a separation of 5 mm to the body, while transmitting at the highest certified output power level in all of the device's frequency bands.

The highest reported SAR values under the CE regulatory for the phone are listed below:

Body SAR: 1.206 W/kg, Limbs SAR: 2.177 W/kg

To reduce exposure to RF energy, use a hands-free accessory or other, similar options to keep this device away from your head and body. The device must be carried 5mm from the body to ensure exposure levels remain at or below the as-tested levels. Choose the belt clips, holsters, or other similar body-worn accessories which do not contain metallic components to support operation in this manner. Cases with metal parts may change the RF performance of the device, including its compliance with RF exposure guidelines in a manner that has not been tested or certified. Thus, use of such accessories should be avoided.

To reduce the level of exposure to radiation, please do the following:

- Use the device in good reception conditions to reduce the amount of radiation received (in particular in underground car parks and on train or car journeys).
- For pregnant women, please keep the device away from the stomach
- Use the device away from genital parts.

DISPOSAL AND RECYCLING INFORMATION



This symbol on the device (and any included batteries) indicates that they should not be disposed of as normal household garbage. Do not dispose of the device or batteries as unsorted municipal waste. The device (and any batteries) should be handed over to a certified collection point for recycling or proper disposal at the end of their life.

For more detailed information about the recycling of the device or batteries, contact your local city office, the household waste disposal service, or the retail store where you purchased this device.

The disposal of the device is subject to the Waste from Electrical and Electronic Equipment (WEEE) directive of the European Union. The reason for separating WEEE and batteries from other waste is to minimize the potential environmental impacts on human health from any of the hazardous substances that may be present.

REDUCTION OF HAZARDOUS SUBSTANCES

This device is compliant with the EU Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) Regulation (EU Regulation (EC) No 1907/2006 (REACH) of the European Parliament and of the Council) and the EU Restriction of Hazardous Substances (RoHS) Directive (Directive 2011/65/EU (RoHS) and its amendment directive (EU) 2015/863 of the European Parliament and of the Council). It is recommended to visit the Web site regularly for up-to-date information.

EU REGULATORY CONFORMANCE

Hereby, Bullitt Mobile Ltd. declares that this device is compliant with the essential requirements and other relevant provisions of Directive 2014/53/EU. For the declaration of conformity, visit the website: <https://www.catphones.com/download/Certification>

Authorised Representative:

Authorised Representative Service

77 Camden Street Lower

Dublin D02 XE80

Ireland

EU COMPLIANCE STATEMENT

This device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range. Restrictions in: Belgium (BE), Bulgaria (BG), Czech Republic (CZ), Denmark (DK), Germany (DE), Estonia (EE), Ireland (IE), Greece (EL), Spain (ES), France (FR), Croatia (HR), Italy (IT), Cyprus (CY), Latvia (LV), Lithuania (LT), Luxembourg (LU), Hungary (HU), Malta (MT), Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Slovenia (SI), Slovakia (SK), Finland (FI), Sweden (SE), North Ireland(UK(NI)), Switzerland (CH), Norway (NO), Iceland (IS), Liechtenstein (LI) and Turkey (TR).

NOTE:

Observe the national local regulations in the location where the device is to be used. This device may be restricted for use in some or all member states of the European Union (EU).

Some bands may not be available in all countries or all areas. Please contact the local carrier for more details.

Maximum radio-frequency power transmitted in the frequency bands in which the radio equipment operates:

The maximum power for all bands is less than the highest limit value specified in the related Harmonised Standard.

The frequency bands and transmitting power nominal limits applicable to this radio equipment are as follows:

SPECTRUM AND POWER TABLE

Technology	Power
WCDMA 1	24 dBm
WCDMA 8	25 dBm
FDD-LTE B1	24 dBm
FDD-LTE B3	24 dBm
FDD-LTE B7	24 dBm
FDD-LTE B8	24 dBm
FDD-LTE B20	24 dBm
FDD-LTE B28	24 dBm
TDD-LTE B38	24 dBm
TDD-LTE B40	24 dBm
TDD -LTE B41	24 dBm
TDD -LTE B42	24 dBm
5G NR-n1	21.5 dBm
5G NR-n3	21 dBm
5G NR-n7	23.5 dBm
5G NR-n8	23.5 dBm
5G NR-n20	23.5 dBm
5G NR-n28	23.5 dBm
5G NR-n38	23.5 dBm
5G NR-n41	26.5 dBm
5G NR-n78	26.5 dBm
WLAN 2.4G	20 dBm
Wi-Fi: 5180 - 5240 MHz	23 dBm
Wi-Fi: 5260 - 5320 MHz	20 dBm
Wi-Fi: 5500 - 5700 MHz	27 dBm
Wi-Fi: 5745 - 5825 MHz	13.98 dBm

UKCA REGULATORY CONFORMANCE

Hereby, Bullitt Mobile Ltd. declares that the radio equipment with this declaration and bearing the UKCA Mark is in compliance with UK Radio Equipment Regulations 2017. The full text of the UK declaration of conformity is available at the following internet address: <https://www.catphones.com/download/Certification>



UKCA COMPLIANCE STATEMENT

Restriction in the UK: 5150 to 5350 MHz indoor-use only

SAFETY INSTRUCTIONS

WARNINGS AND PRECAUTIONS

This section contains important information relating to the operating instructions for this device. It also contains information about how to use the device safely. Read this information carefully before using the device.

WATERPROOF CASING

The SIM/SD door must be closed securely to ensure the device is waterproof.

DO NOT USE YOUR DEVICE IN THE FOLLOWING CONDITIONS:

Power off the device if you're in a situation where using it is prohibited, for example:

- Hospitals and healthcare facilities – this is to prevent possible interference with sensitive medical equipment.
- Medical devices - please consult your doctor and the device manufacturer to determine if operation of your device may interfere with the operation of your medical device. Follow the rules and regulations set forth by hospitals and healthcare facilities.
- Pacemaker manufacturers recommend that a minimum distance of 5.9 inches be maintained between a device and a pacemaker to prevent potential interference with the pacemaker. If you have a pacemaker, use the device on the opposite side of the pacemaker and do not carry the device in your front pocket.
- Aircraft – consult airline staff about the use of wireless devices on board the aircraft. If your device offers a 'flight mode', this must be enabled prior to boarding an aircraft.
- Other devices – do not use your device in a place where it could cause damage or interfere with other electronic devices.
- Potentially explosive atmosphere – power off the device in any area with a potentially explosive atmosphere and comply with all signs and instructions. Areas that may have potentially explosive atmospheres include the areas where it is advised to turn off a vehicle engine. Triggering of sparks in such areas could cause an explosion or a fire, resulting in bodily injuries or even death. Do not turn on the device at refueling points such as service stations. Comply with restrictions on the use of radio equipment in fuel depots, storage, and distribution areas, and chemical plants. In addition, adhere to restrictions in areas where blasting operations are in progress. Before using your device, watch out for areas that have potentially explosive atmospheres that are often, but not always, clearly marked. Such locations include areas below the deck on boats, chemical transfer or storage facilities, and areas where the air contains chemicals or particles such as grain, dust, or metal powders. Ask the manufacturers of vehicles using liquefied petroleum gas (such as propane or butane) whether this device can be safely used in their vicinity.

OPERATING ENVIRONMENT

- The device complies with the RF specifications when the device is used at a distance of 0.4 inches from your body. Ensure that the device accessories such as a device case and a device holster are not composed of metal components. Keep the device 0.4 inches away from your body to meet the requirement earlier mentioned.
- On a stormy day with thunder, do not use the device when it is being charged to prevent any danger caused by lightning.
- While using the device, observe the local laws and regulations, and respect others' privacy and legal rights.
- The range of environmental conditions:
- Pollution Degree: "2" Overvoltage Category: I
- The maximum use altitude: not more than 2000 m above sea level.

SAFETY OF CHILDREN

Comply with all precautions regarding children's safety. Letting a child play with this device or its accessories, which may include parts that can be detached from the device, may be dangerous, as it may present a choking hazard. Ensure that small children are kept away from the device and its accessories.

BATTERY AND CHARGER

- Unplug the charger from the electrical plug and the device when not in use.
- The battery can be charged and discharged hundreds of times before it eventually wears out.
- Do not expose the battery in sunlight or smoky, dusty environment. A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.
- In the extremely unlikely event that battery electrolyte leaks out, ensure that the electrolyte does not come into contact with skin and eyes. If the electrolyte touches skin or splashes into eyes, wash eyes with clean water immediately and consult a doctor.
- If there is a case of battery deformation, color change, or abnormal heating while charging, stop using the device immediately. Otherwise, it may lead to battery leakage, overheating, explosion, or fire.
- Do not dispose of this device in fire as it may explode. Battery may also explode if pierced or severely damaged.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazards.
- Do not disassemble or open, crush, bend or deform, puncture, or shred.
- Only use the battery for the system for which it is specified
- Only use the battery with a charging system that has been qualified with the system per CTIA Certification Requirements for Battery System Compliance to IEEE 1725. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazards.
- Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725. Use of an unqualified battery may present a risk of fire, explosion, leakage, or other hazards.
- Promptly dispose of used devices in accordance with local regulations.

CAT® Q10 SPECIFICATION

MODEL	BM1R1A
SKU	HW SKU 1, RF SKU1 EMEA/AUS/LATAM
DIMENSIONS	80.8 x 127.8 x 26.3mm
BATTERY	5300mAh
OS	Open WRT
RAM	8Gb LPDDR4
ROM	8Gb ECC NAND FLASH
PROCESSOR	MT6890V MEDIATEK
	1,2,4,5,8,9
	1,3,7,8,20,28,38,39,40,41,42
	n1,n3,n7,n8,n12,n20,n25,n28,n38,n39,n41,n78
RUGGED	IP68

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