

INSTRUCTION

● Your new infrared thermometer uses advanced infrared (IR) technology to measure temperature instantly and accurately on the forehead.

● Eas to use and less measurement time

For safety and hygiene purposes, this thermometer does not require direct body contact. Its ergonomic design makes this thermometer simple and efficient when checking body temperature.

It only takes 1 second to take the measurement and reading.

● Body modes

This thermometer supports measuring body temperature. Measuring range of body mode is 89.6°F to 109.4°F(32.0°C~ 43.0°C).

● Visual (color) and audio warning indicators

When body temperature is over 99.5°F(37.5°C) , color indicator will show red and warning sound will repeat 10 times.

● Measurement

Measurement time interval is 1 second and measurement distance is within 1~10cm.

Please read the manual carefully before you use the unit and keep for future reference.

● Intended use

The infrared thermometer is intended for the intermittent measurement and monitoring of human body temperature from the forehead. The device is indicated for use by people of all ages for homecare and in hospital.

● Contraindication(s): None.

● The patient is an intended operator.

The device is not intended for use in the emergency medical services environment.

SAFETY INFORMATION

- ⚠ This thermometer is not intended as a substitute for a consultation with your physician.The forehead temperature scan serves as a reference only. It cannot make a judgment on a fever.
- ⚠ Basic safety precautions should always be observed, especially when the thermometer is used on or near children and disabled persons.
- ⚠ Please place the device out of reach of children.
- ⚠ Avoid direct sunlight.
- ⚠ Do not touch the lens.
- ⚠ No modification of this device is allowed.
- ⚠ The swallowing of small parts like packing bag, battery, battery cover and so on may cause suffocation.
- ⚠ Please do not use a dilution agent, alcohol or petrol to clean the unit.
- ⚠ Please treat device gently and avoid allowing it to fall from a high place.
- ⚠ Please do not immerse it in liquid.
- Never leave battery in the battery compartment for a long time without use, as they may leak and cause damage to the unit.
- ⚠ Please take out the battery if you do not intend to use within 3 months.
- Replace with new batteries if the unit displays a low battery symbol.
- ⚠ Do not use during transportation.

To ensure the correct use of the product, basic safety measures should always be followed including the warning and the caution symbols listed in the instruction manual:

SYMBOL DESCRIPTIONS	
The following symbols may appear in this manual, on the label, on the device,or on its accessories. Some of the symbols represent standards and compliances associated with the device and its use.	
	WARNING: This alert identifies hazards that may cause serious personal injury or death.
	CAUTION: This alert identifies hazards that may cause minor personal injury, product damage, or property damage.
	Type BF applied part
	Manufacturer
	Specifies serial number
	Authorized Representative in the European Community
	CE Mark: conforms to essential requirements of the Medical Device Directive 93/42/EEC.
	DISPOSAL: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.
	Direct current
	Follow instructions for use
	CAUTION: Consult accompanying documents

⚠ WARNING

Do not dispose of electrical appliances as unsorted municipal waste. Use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

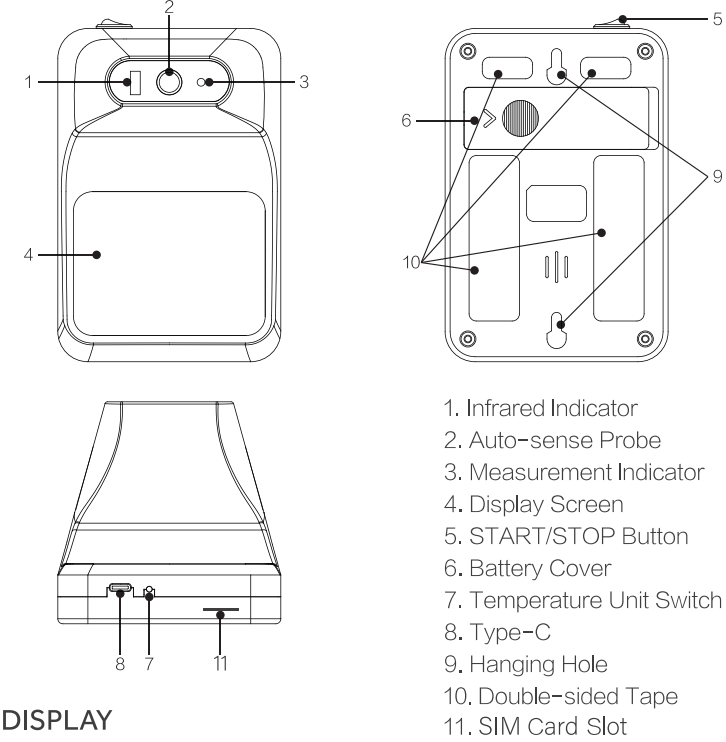
CLASSIFICATION

- Internally powered equipment;
- Type BF applied part;
- Protection against ingress of water or particulate matter: IP21;
- Not category AP/APG equipment;
- Mode of operation: Continuous operation;

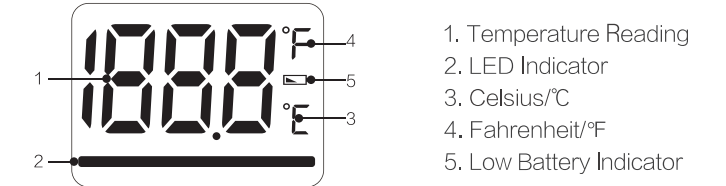
⚠ The user must check that the equipment functions safely and ensure that it is in proper working condition before being used.

PRODUCT STRUCTURE

BODY



DISPLAY



SIM CARD INSTALLATION

Insert the SIM card into the SIM card slot on the bottom of thermometer before measurement. Card should be in accordance with direction “” and chip side up. When you need to take out the card, just press the card inward then it will pop out.

BATTERY INSTALLATION

- Remove the battery cover from the battery compartment, insert the battery,following the arrow for proper removal.
- Insert 1pc 3.7V 18650 lithium battery, and ensure the battery is in the proper direction. Positive(+) and Negative(-) are displayed on the back of the battery cover.
- Close the battery cover.

BATTERY SIZE

18650 is a standard lithium-ion battery model, where 18 represents a diameter of 18mm, 65 represents a length of 65mm, and 0 represents a cylindrical battery.

LOW BATTERY AND REPLACEMENT

When powered on, the low battery symbol will display when the battery needs charging. Please connect to the charger to charge the battery, otherwise the unit will not work.

BATTERY TYPE AND REPLACEMENT

Do not use the batteries beyond their expiry date. Please remove the batteries if you do not need to use the device for a

long time. Do not replace with the wrong lithium battery,otherwise it will damage your machine.

⚠ WARNING

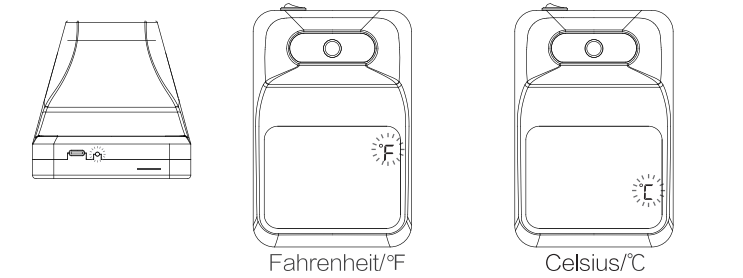
Dispose of the battery in accordance with all federal, state and local laws.To avoid fire and explosion hazard, do not burn or incinerate the battery.

⚠ Use with care to prevent from strangulation due to cables.

SETTING MODE

UNIT SETTING

There is a small hole on the bottom of the device. You can use a 2mm diameter screwdriver to insert in the hole and then press the button. Press the START/STOP button. All symbols will appear on the display for 1 second and will then be replaced by a single pulsing line (“_”). Press the Temperature Unit Switch to change between °C and °F. Default: Fahrenheit unit °F.



MODE SETTING

Press the START/STOP button. All symbols will appear on the display for 1 second and will then be replaced by a single pulsing line (“_”). Press the Temperature Unit Switch and hold for 3-5 seconds to enter into Mode Setting. Press the Temperature Unit Switch and it will change between Mobile transmission mode and Normal mode.

Note: When it is in Mobile transmission mode, the LED will display "b95." When it is in Normal mode, the LED will display "-95," as shown in the picture.

Default: Mobile transmission mode.

PROPER USE OF THE UNIT

PRE-MEASUREMENT

About Normal Body Temperature & Fever

The temperature in the forehead and temple area differs from the internal temperature, which is taken orally or rectally.

Vasoconstriction, an effect which constricts the blood vessels and cools the skin, can occur during the early stages of a fever.

In this case, the temperature measured by the infrared Thermometer may be unusually low. If the measurement therefore does not match the patient's own perception or is unusually low, repeat the measurement every 15 minutes. As a reference, you can also measure the internal body temperature using a conventional oral or rectal thermometer.

Body temperature can vary from one individual/person to the next. It also varies by location on the body and time of day. Below shows the statistical normal ranges from different sites.

Please keep in mind that temperatures measured from different sites, even at the same time, should not be directly compared.Fever indicates that the body temperature is higher than normal. This symptom may be caused by infection, overdressing or immunization. Some people may not experience fever even when they are ill.

These include, but are not limited to, infants younger than 3 months old, persons with compromised immune systems, persons taking antibiotics, steroids or antipyretics (aspirin, ibuprofen, acetaminophen), or persons with certain chronic illnesses. Please consult your physician when you feel ill even if you do not have fever.

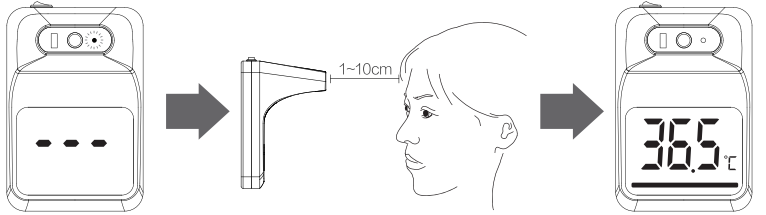
BODY SITE NORMAL TEMPERATURE RANGE

BODY SITE	NORMAL TEMPERATURE RANGE
Oral	1°F(0.6°C) or more above or below 98.6°F(37°C)
Rectal/ear	0.5°F to 1°F(0.3°C to 0.6°C) higher than oral temperature
Auxiliary (armpit)	0.5°F to 1°F(0.3°C to 0.6°C) lower than oral temperature

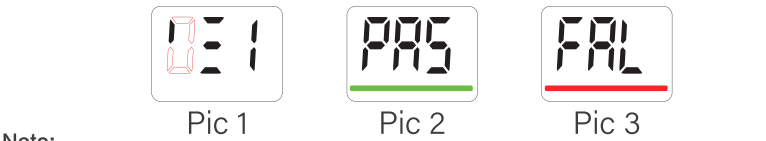
Note: Body Temperat re at WebMD;
Website: http://firstaid.webmd.com/body-temperature;
retrieved at 2010 Jan 7

AS A BODY THERMOMETER

1. Press the START/STOP button. All symbols will appear on the display. You will hear 1 short beep.
- 2 . Hold the device parallel to the forehead, between 1~10cm away. Once the blue measurement indicator lights come up, the meter will measure automatically.
- 3.The measurement will be finished in 1 second. When it has been completed, you will hear 1 long beep. The reading will appear on the display with a green or red LED indicator.



After 10 seconds, you can take the next measurement. When the device is under Mobile transmission mode, upon completing a measurement, it will automatically upload the data to the background server, displaying one rotating signal bar on the LED (Pic 1). After a successful upload, the LED will show PAS (Pic 2) along with 2 long beeps. If the upload failed, LED will display FAL (Pic 3) along with 3 short beeps:



Note:
If the reading is <99.5°F(37.5°C)and ≥89.6°F(32°C), the display will include a green LED indicator with the results.
If the reading is ≥99.5°F(37.5 °C) and <109.4°F (43°C), the display will include a red LED indicator and 10 short beeps with the results.
As the forehead measurement temperature is likely to be affected by sweat, oil and the surroundings, the reading shall be taken as a reference only.
If the probe is placed at an angle close to the forehead during measurement, the reading will be affected by surrounding temperature.
Babies' skin reacts very quickly in the ambient temperature.Therefore, do not take their temperature with the Infrared thermometer during/after breastfeeding, because the skin temperature may be lower than the internal body temperature.
The user and the infrared thermometer should be quiescence for at least 30 minutes under similar indoor conditions.

CHECK THE IMEI DETAILS

When powered off, touch the“Infrared Indicator” inductive switch and press the “Temperature Unit Switch” at the same time. Then hold the power button until the LED displays three bars "- - -". Long press and hold the “Temperature Unit Switch” for 3-5 seconds. After 1 short beep, the LED will display the IMEI number, dividing it into 5 displays (only 3 digits can show on the LED at a time). Power off the device to exit.
E.g.IMEI number: 867730056227485



SIGNAL STRENGTH INDICATOR:

When the device is in Mobile transmission mode, it will show 1-3 bars on the LED display during data upload. The number of bars determines the strength of the signal: 1 bar is a weak signal, 2 bars is a moderate signal, and 3 bars is a strong signal.



EXCEPTIONAL SITUATION

SYMBOL	CORRECTION
	In Body mode, LED is red when measured temperature is above the measuring range of 109.4°F/43.0°C.
	In Body mode, LED is red when measured temperature is below the measuring range of 89.6°F/32.0°C.
	Low battery; please connect to charger.
	Thermometer system fails or affected by ekectric magnetic field.
	Green:When charging, the LED indicator shows green. Red: When charging is complete, the LED indicator light shows red.

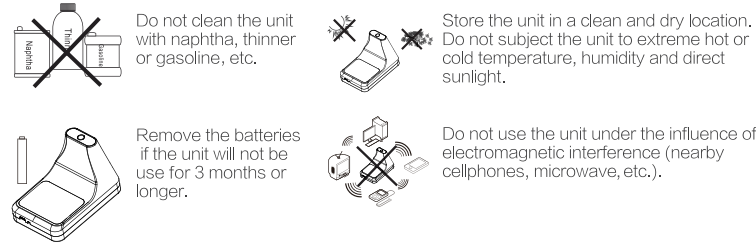
Please contact the distributor if you can not solve the problem. Do not disassemble the unit by yourself!

CARE AND MAINTENANCE

Care for the main unit

Keep the unit in the storage case when not in use.
Clean the unit with a soft dry cloth. Do not use any abrasive or volatile cleaners.
Never immerse the unit or any of its components in water.

Maintenance



Note: We will not be responsible for any quality problem if you do not care and maintain the product as instructed.

SPECIFICATION

Description	Infrared Thermometer
Display	LED digital display
Measuring localization	Forehead
Measurement range	Body mode 89.6°F~109.4°F (32.0°C~43.0°C)
Temperature unit	°F/°C
Display resolution	0.1°F/0.1°C
Accuracy	±0.4°F/±0.2°C
Beep warning	1 short beep when power on and start measurement; 1 long beep with green LED when measurement reading is below 99.5°F/37.5°C; 10 short beeps with red LED when measurement reading is greater than or equal to 99.5°F/37.5°C; 3 short beeps with red LED when system fails
LED color indicator	Green: Temperature<99.5°F(37.5°C) Red: Temperature≥99.5°F
Power source	18650 lithium battery 2000mAh/Type-C,working voltage 3.7V~6V
Main unit weight	Approx. 151g (batteries not included)
Main unit size	L140mm * W93mm * H93mm
Accessories	Instruction manual, Type-C Cable, 3M Tape, Lithium Battery
Operating environment	Body mode50.0°F~104.0°F/10.0°C~40.0°C Relative humidity range: ≤85%RH Atmospheric pressure range: 70kPa-106kPa.
Storage and shipping environment	Temperature: -4.0°F~122.0°F/-20.0°C~50.0°C Humidity:15%~95%RH avoid crash, sun burn or rain during transportation
Expected service life	Five years
Software version	UFR1.1

CLINICAL MEASUREMENT ACCURACY AND SAFETY VERIFICATION:

The product has passed clinical trials. The measured results of the infrared forehead thermometer were compared with the measured results of mercury thermometers, the deviation average =0.011°C not exceeding 0.3°C; the clinical repeatability of the infrared forehead thermometer SR=0.100°C, not exceeding 0.3°C. The measured results meet the laboratory standard and the clinical standard.
Therefore, the deviation average and the clinical repeatability of the infrared forehead thermometer comply with the regulatory requirement ISO80601-2-56. The conclusions are drawn from the clinical trials; the accuracy and safety comply with the regulatory requirement.

WARRANTY INFORMATION

▲The unit is guaranteed to be free of defects in worknanship and materi-als under normal use for a period of 1 Year from the date of purchase.
▲For repair under this warranty, our authorized service agent must be advised of the fault within the period of the warranty.This warranty only covers parts and labor service under normal operations.Any defect result-ing from natural causes (e.g., flood, hurricane, etc.) is not covered in this guarantee. This guarantee also does not cover damage incurred by use of the unit not in accordance with the instructions, accidental damage, or being tampered or serviced by unauthorized service agents.
▲The following will be excluded from this warranty-if the thermometer has been misused, abused, or there has been purposeful negligence in following the manual's instructions as well as unauthorized repair or modifications.
▲The device requires no calibration.
▲The device is not repairable and contains no user serviceable parts.

EMC

IEC 60601-1-2: 2014 ME EQUIPMENT and ME SYSTEMS identifica-tion,marking and documents for Class B product
Instructions for use
The ME EQUIPMENT or ME SYSTEM is suitable for home healthcare environm nts and so on.

Warning: Don't use near active HF surgical equipment and the RF shielded room of an ME system for magnetic resonance imaging, where the intensity of EM disturbances is high.
Warning: Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.
Warning: Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

Warning: Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the infrared thermometer, including cables specified by the manufacturer.
Otherwise, degradation of the performance of this equipment could result.

If any: A list of all cables and maximum lengths of cables (if applica-ble) transducers and other ACCESSORIES that are replaceable by the RESPONSIBLE ORGANIZATION and that are likely to affect compliance of the ME EQUIPMENT or ME SYSTEM with the require-ments of Clause 7 (EMISSIONS) and Clause 8 (IMMUNITY). ACCES-SORIES may be specified either generically (e.g., shielded cable, load impedance) or specifically (e.g., by MANUFACTURER and EQUIPMENT OR TYPE REFERENCE).

If any: The performance of the ME EQUIPMENI or ME SYSTEM that was determined to be ESSENTIAL PERFORMANCE and a descrip-tion of what the OPERATOR can expect if the ESSENTIAL PERFOR-MANCE is lost or degraded due to EM DISTURBANCES (the defined term“ESSENTIAL PERFORMANCE” need not be used).

- Technical description
- 1.All necessary instructions for maintaining BASIC SAFETY and ESSEN-TIAL PERFORMANCE with regard to electromagnetic disturbances for the expected service life.
 2. Guidance and manufacturer’s declaration –electromagnetic emissions and immunity

Guidance and manufacturer’s declaration – electromagnetic emissions	
Emissions test	Compliance
RF emissions CISPR 11	Group 1
RF emissions CISPR 11	Class B
Harmonic emissions IEC 61000–3–2	Class A
Voltage fluctuations/ flicker emissions IEC 61000–3–3	Compliance

Guidance and manufacturer’s declaration – electromagnetic Immunity		
Immunity Test	IEC 60601–1–2 Test level	Compliance level
Electrostatic discharge (ESD) IEC 61000–4–2	±8 kV contact ±2 kV, ±4 kV, ±8 kV, ±15 kV air	±8 kV contact ±2 kV, ±4 kV, ±8 kV, ±15 kV air
Electrical fast transient/burst IEC 61000–4–4	Power supply lines: ±2 kV 100 kHz repetition frequency	Power supply lines: ±2 kV 100 kHz repetition frequency
Surge IEC 61000–4–5	line(s) to line(s): ±0.5kV ±1 kV.	line(s) to line(s): ±0.5kV ±1 kV.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000–4–11	0% 0.5 cycle At 0°, 45 °, 90 °, 135 °, 180 °, 225 °, 270 ° and 315 ° 0% 1 cycle And 70% 25/30 cycles Single phase: at 0 0% 300 cycle	0% 0.5 cycle At 0°, 45 °, 90 °, 135 °, 180 °, 225 °, 270 ° and 315 ° 0% 1 cycle And 70% 25/30 cycles Single phase: at 0 0% 300 cycle
Power frequency magnetic field IEC 61000–4–8	30 A/m 50Hz/60Hz	30 A/m 50Hz/60Hz
Conducted RF IEC61000–4–6	150KHz to 80MHz: 3Vrms 6Vrms (in ISM and amateur radio bands) 80% Am at 1kHz	150KHz to 80MHz: 3Vrms6Vrms (in ISM and amateur radio bands) 80% Am at 1kHz
Radiated RF IEC61000–4–3	10 V/m 80 MHz - 2,7 GHz 80 % AM at 1 kHz	10 V/m 80 MHz - 2,7 GHz 80 % AM at 1 kHz
NOTE UT is the d.c. mians voltage prior to application of the test level.		

Guidance and manufacturer’s declaration – electromagnetic Immunity							
Radiated RF IEC61000–4–3 (Test specifica-tions for ENCLOSURE PORT IMMUNITY to RF wireless communi-cations equipment)	Test Frequency (MHz)	Band (MHz)	Service	Modulation	Modulation (W)	Distance (m)	IMMUNITY TEST LEVEL(V/m)
1720 1845 1970	385	380 - 390	TETRA 400	Pulse modulation 18 Hz	1.8	0.3	27
	450	430 - 470	GMRS 460, ERS 460	FM ±5 kHz deviation 1 kHz sine	2	0.3	28
	710 745 780	704 - 787	LTE Band 13, 17	Pulse modulation 217 Hz	0.2	0.3	9
	810 870 930	800 - 960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation 18 Hz	2	0.3	28
2450 5240 5500 5785	1720	1 700 - 1 990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4, 25; UMTS	Pulse modulation 217 Hz	2	0.3	28
	2450	2 400 - 2 570	Bluetooth,WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation 217 Hz	2	0.3	28
	5240	5 100 - 5 800	WLAN 802.11 a/n	Pulse modulation 217 Hz	0.2	0.3	9
	5500 5785						

Manufacturer
Shezhen Urion Technology Co., Ltd.
Floor 4-6th of Building D, Jiale Science & Technology Industrial Zone, No.3, ChuangWei Road, Heshuikou Community, Ma Tian Street, GuangMing New District, 518106 Shenzhen, PEOPLE'S REPUBLIC OF CHINA

Manufactured for: Telli Health LLC
66 West Flagler Street-Suite 900,
Miami, FL, 33130 USA

REV:0.1