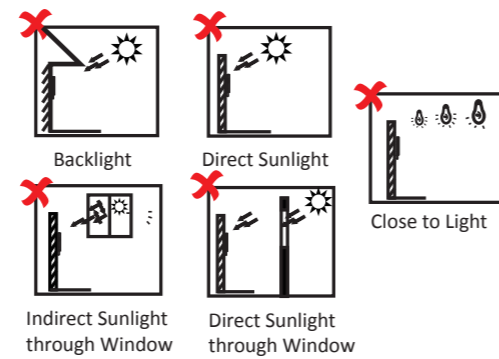
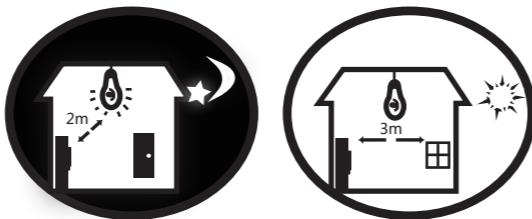


1

Installation

Installation Environment:

- Indoor and outdoor installation are supported. When installing the device indoors, the device should be at least 2 meters away from the light, and at least 3 meters away from the window or door.
- Make sure the environment illumination is more than 100 Lux.



Before you start:

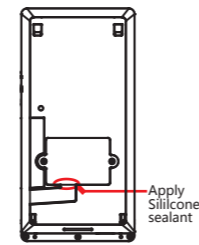
According to the baseline on the mounting template, stick the mounting template on the wall or other surface, 1.4 meters higher than the ground.

Note: Make sure the output of external power supply fulfils LPS.

Steps:

- Drill holes on the wall or other surface according to the mounting template and install the gang box.
- Use two supplied screws (4_KA4x22-SUS) to secure the mounting plate on the gang box. Use another four supplied screws to secure the mounting plate on the wall. Route the cables through the cable hole of the mounting plate, and connect to the corresponding external devices' cables.

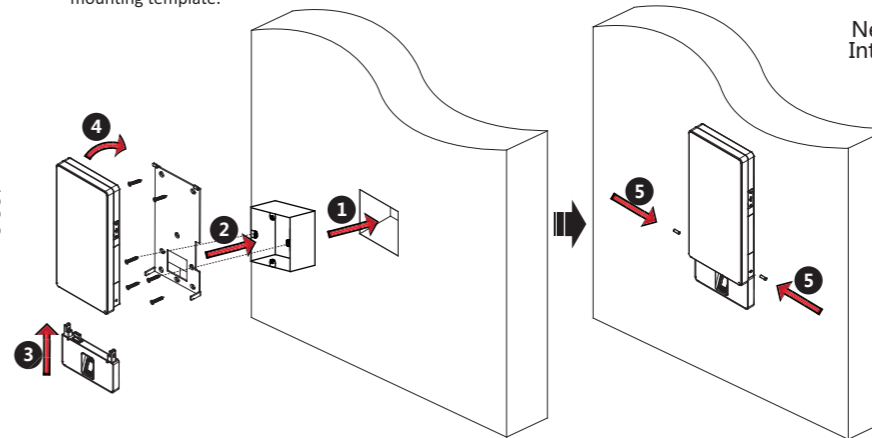
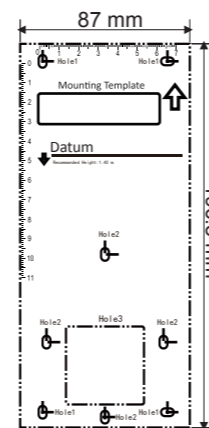
Note: Apply Silicone sealant among the cable wiring area to keep the raindrop from entering.



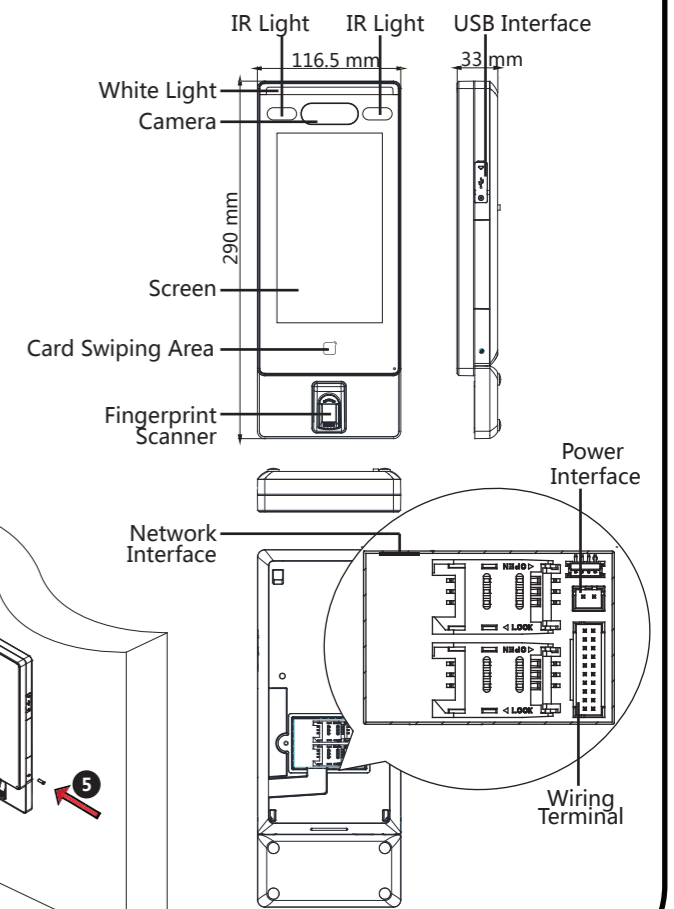
- Insert the fingerprint module to the holes at the bottom of the main part.
- Align the device with the mounting plate and hang the terminal on the mounting plate.
- Make sure the two sheets on each side of the mount plate have been in the holes at the back of the device. Use two supplied screws (SC-M4x12TP10-SUS) to secure the device and the mounting plate.

Notes:

- The installation height here is the recommended height. You can change it according to your actual needs.
- You can also install the device on the wall or other places without the gang box. For details, refer to the User Manual.
- For easy installation, drill holes on mounting surface according to the supplied mounting template.



Dimensions:



Note: The figures are for reference only.

LTK3607FM Face Recognition Terminal

Quick Start Guide

2.1

Device Wiring (Without Secure Door Control Unit)

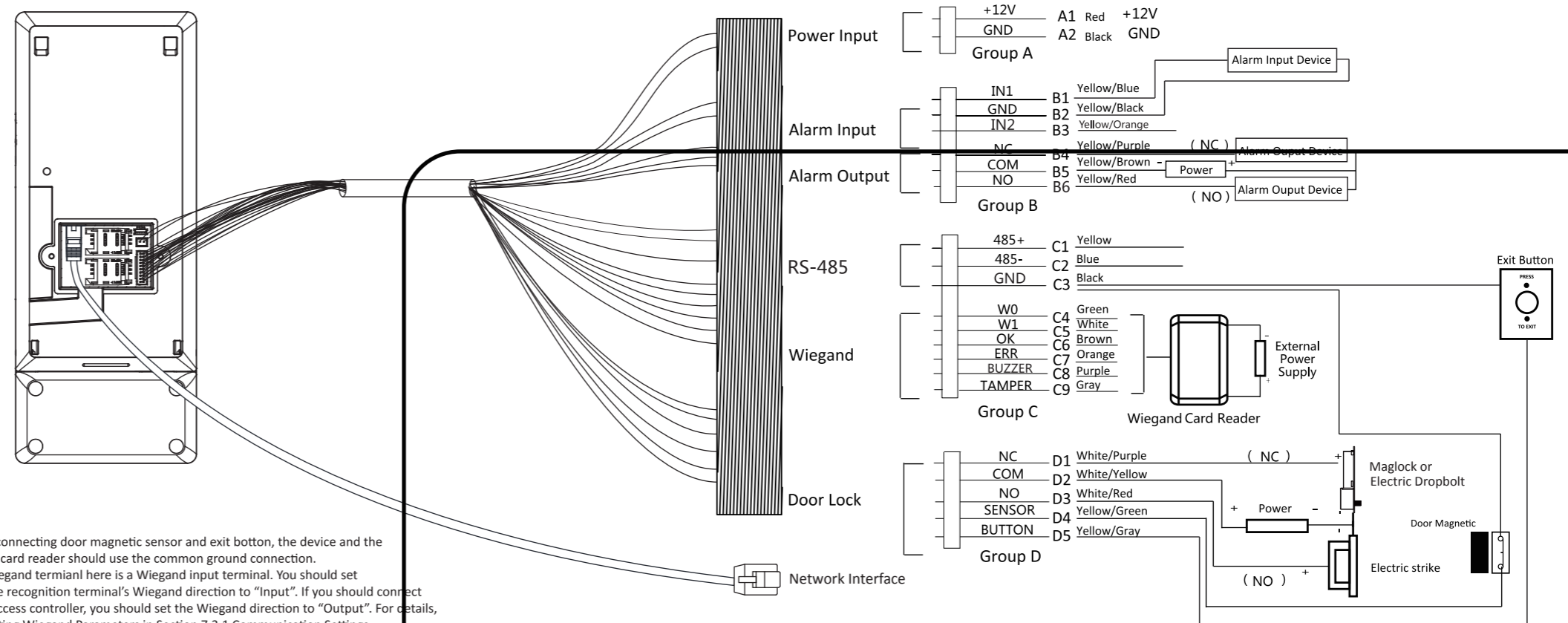
About this Manual
This Manual is applicable to face recognition terminal. The Manual includes instructions for using and managing the product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version in the company website. Please use this user manual under the guidance of professionals.
Legal Disclaimer
REGARDING TO THE PRODUCT WITH INTERNET ACCESS, THE USE OF PRODUCT SHALL BE WHOLLY AT YOUR OWN RISKS. OUR COMPANY SHALL NOT TAKE ANY RESPONSIBILITIES FOR ABNORMAL OPERATION, PRIVACY LEAKAGE OR OTHER DAMAGES RESULTING FROM CYBER ATTACK, HACKER ATTACK, VIRUS INSPECTION, OR OTHER INTERNET SECURITY RISKS. HOWEVER, OUR COMPANY WILL PROVIDE TIMELY TECHNICAL SUPPORT IF REQUIRED.
SURVEILLANCE LAWS VARY BY JURISDICTION. PLEASE CHECK ALL RELEVANT LAWS IN YOUR JURISDICTION BEFORE USING THIS PRODUCT IN ORDER TO ENSURE THAT YOUR USE CONFORMS THE APPLICABLE LAW. OUR COMPANY SHALL NOT BE LIABLE IN THE EVENT THAT THIS PRODUCT IS USED WITH ILLEGITIMATE PURPOSES.
IN THE EVENT OF ANY CONFLICTS BETWEEN THIS MANUAL AND THE APPLICABLE LAW, THE LATER PREVAILS.
Data Protection
During the use of device, personal data will be collected, stored and processed. To protect data, the development of our devices incorporates privacy by design principles. For example, for device with facial recognition features, biometrics data is stored in your device with encryption method; for fingerprint device, only fingerprint template will be saved, which is impossible to reconstruct a fingerprint image. As data controller, you are advised to collect, store, process and transfer data in accordance with the applicable data protection laws and regulations, including without limitation, conducting security controls to safeguard personal data, such as, implementing reasonable administrative and physical security controls, conduct periodic reviews and assessments of the effectiveness of your security controls.

Use only power supplies listed in the user instructions:

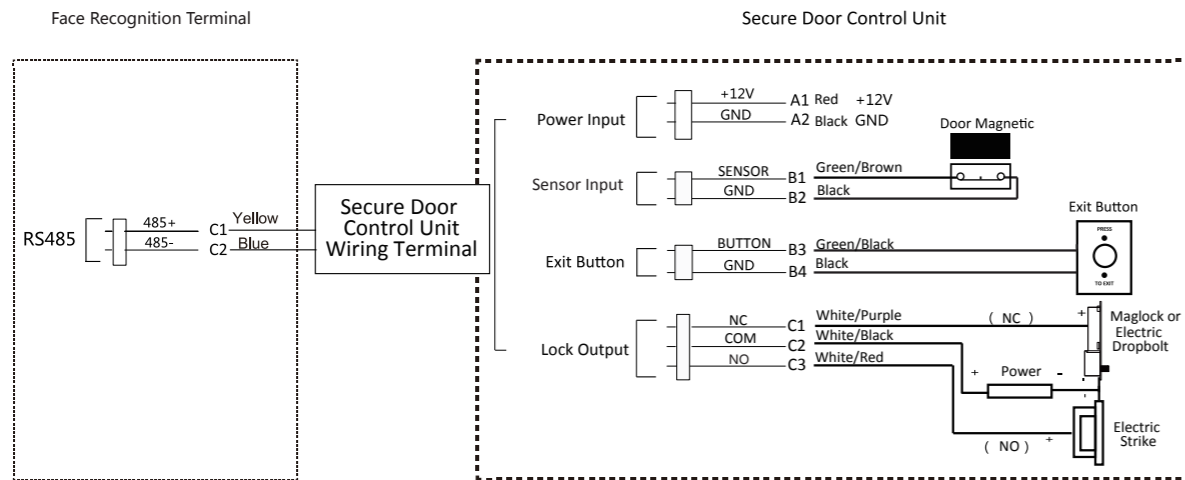
Model	Manufacturer	Standard
C2000IC12.0-24P-DE	MOSO Power Supply Technology Co., Ltd.	CEE
C2000IC12.0-24P-GB	MOSO Power Supply Technology Co., Ltd.	BS
ADS-24S-12 1224GPG	Shenzhen Honor Electronic Co., Ltd.	CEE

Notes:

- When connecting door magnetic sensor and exit button, the device and the RS-485 card reader should use the common ground connection.
- The Wiegand terminal here is a Wiegand input terminal. You should set the face recognition terminal's Wiegand direction to "Input". If you should connect to an access controller, you should set the Wiegand direction to "Output". For details, see Setting Wiegand Parameters in Section 7.3.1 Communication Settings.



2.2 Device Wiring (With Secure Door Control Unit)



Note: The secure door control unit should connect to an external power supply separately.

3 Activation

Power on and wire the network cable after installation. You should activate the device before the first login.

Activating via Device

If the device is not activated yet, it will enter the Activate Device page after powering on.

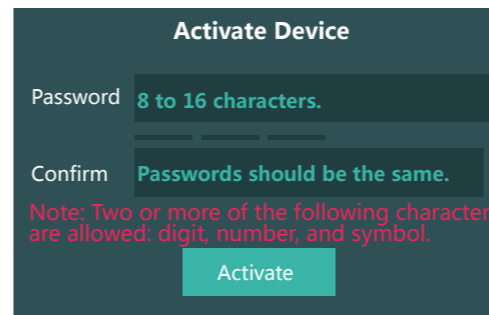
Steps:

1. Create a password and confirm the password.
2. Tap **Activate** to activate the device.

Note: For other activation methods, see the device user manual.



STRONG PASSWORD RECOMMENDED— We highly recommend you create a strong password of your own choosing (using a minimum of 8 characters, including upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you reset your password regularly, especially in the high security system, resetting the password monthly or weekly can better protect your



3 Two-Way Audio

After adding the device to the client software, you can call the device from the client software, call the client software from the device, call the center from the device, or call the indoor station from the device.

● Call Client Software from Device

After adding the device on the client software, tap -> , and tap **Answer** on the pop-up window on the client software to start two-way audio.

Note: If the device is added by multiple client softwares and when the device is calling the client software, only the first client software added the device will pop up the call receiving window.

● Call Center from Device

After adding the device and center on the client software, tap -> to call the center. When the center answers the call, you can start two-way audio.

Note: The device will call the center in priority when tap the administrator icon.

● Call Device from Client Software

After adding the device on the client software, you can enter the Live View page. Right click the live view window and click **Start Two-Way Audio** to start two-way audio.

● Call Indoor Station from Device

After adding the device and the indoor station on the client software, link the added user and the added indoor station, and set a room No. for the indoor station. Tap and enter the room No. And tap to call the indoor station.

4 Adding Face Information

1. Tap the settings icon at the lower right corner of the initial page and input the activation password to enter the main page.

2. Enter the User Management page, tap + to enter the Add User page.

Note: Only the devices with the fingerprint module support the fingerprint related functions.

4. Tap **Face** and collect the face information according to the instructions. You can view the captured picture at the upper right corner of the page. Make sure the face picture is in good quality and size. For details about the tips and positions when collecting or comparing the face picture, see the contents on the right.

5. If the picture is in good condition, tap **Save** to save the picture. Or tap **Try Again** to take another face picture.

6. Tap to save the settings. Go back to the initial page to start authentication. For other authentication methods, see the device user manual.

Recommended:
Use 1:1 Face Matching when the face is hard to recognize.
Use other authentication methods if the device is affected by the light or other items.
1:1 Matching: The device will compare the captured face picture with the ones in the database.
1:N Matching: The device will compare the captured face picture with the user linked face picture.



- Biometric recognition products are not 100% applicable to anti-spoofing environments. If you require a higher security level, use multiple authentication modes.
- If you adopt multiple authentication modes, you should authenticate other methods before authenticating face.

Tips When Collecting/Comparing Face Picture

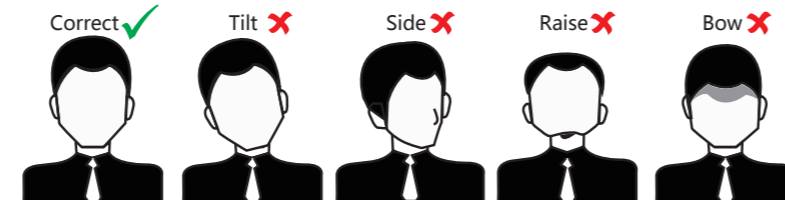
Expression

- Keep your expression naturally when collecting or comparing face pictures, just like the expression in the picture on the right.
- Do not wear hat, sunglasses, or other accessories that can affect the facial recognition function.
- Do not make your hair cover your eyes, ears, etc. and heavy makeup is not allowed.



Posture

In order to get a good quality and accurate face picture, position your face looking at the camera when collecting or comparing face pictures.

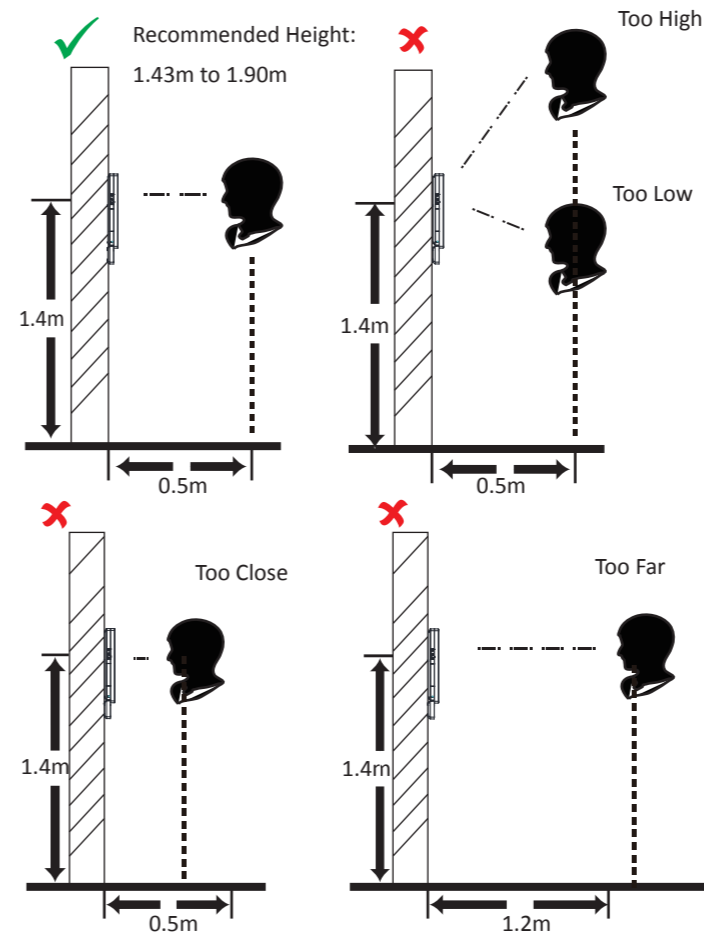


Size

Make sure your face is in the middle of the collecting window.



Positions When Collecting/Comparing Face Picture (Recommended Distance: 0.5m)



Regulatory Information

FCC Information
Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
FCC compliance: 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.
This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

FCC Conditions
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.
2. This device must accept any interference received, including interference that may cause undesired operation.

EU Conformity Statement

CE
This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the RE Directive 2014/53/EU, the EMC Directive 2014/30/EU, the RoHS Directive 2011/65/EU.
2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info

2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info

Industry Canada ICES-003 Compliance
This device meets the CAN ICES-3 (B)/NMB-3(B) standards requirements. This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
 - (2) this device must accept any interference, including interference that may cause undesired operation.
- Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexemptés de licence. L'exploitation est autorisée aux deux conditions suivantes :
- (1) l'appareil ne doit pas produire de brouillage, et
 - (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
- Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.
Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.
This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.
Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.