



User Manual

DNAKE DK360W



REMARK

Please follow the user manual for correct installation and testing. If there is any doubt please call our tech-supporting and customer center.

Our company applies ourselves to reformation and innovation of our products. No extra notice for any change. The illustration shown here is only for reference. If there is any difference, please take the actual product as the standard.

The product and batteries must be handled separately from household waste. When the product reaches the end of service life and needs to be discarded, please contact the local administrative department and put it in the designated collection points in order to avoid the damage to the environment and human health caused by any disposal. We encourage recycling and reusing the material resources.

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PRODUCT FEATURE

1. Plug & Play
2. Long-range transmission (500m in open area)
3. 7-inch IPS capacitive touch screen
4. High-quality video 1080P
5. Support Mobile App (Optional)
6. Eco-Friendly Solar Charging (Optional)

TECHNICAL PARAMETER

Door Camera

Power Supply: DC 9-24V

Battery: Rechargeable Lithium Battery (DC3.7V/4200mAh.

Charging temperature: 0°C - 40°C

Video Resolution: 1920 x 1080

Working Temperature: -10°C to +55°C

Storage Temperature: -40°C to +70°C

Working Humidity: 10% to 90% (non-condensing)

Indoor Monitor

Power Supply: DC 12V

Battery: Rechargeable Lithium Battery (DC3.7V/2500mAh,

Charging temperature: 0°C-40°C, Optional

Display: 7-inch IPS LCD

Screen: Capacitive touchscreen

Resolution: 1024 x 600

Working Temperature: -10°C to +55°C

Storage Temperature: -40°C to +70°C

Working Humidity: 10% to 90% (non-condensing)

PACKAGE CONTENT

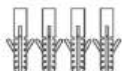
MODEL: DK360W



Door Camera



Lithium
Battery



Screw Fixing Seat
(4 pcs)



Torx
Screwdriver(T10)



Screw
(TM3x11)



Screw
(FA4x25,4pcs)



Junction
Pressing Plate



Screw
(CM2x6,6pcs)



Indoor Monitor



Screw Fixing
Seat (2 pcs)



Ethernet
Connector



Power Supply



Screw
(FA4x25,4pcs)



Diode (1 pc)

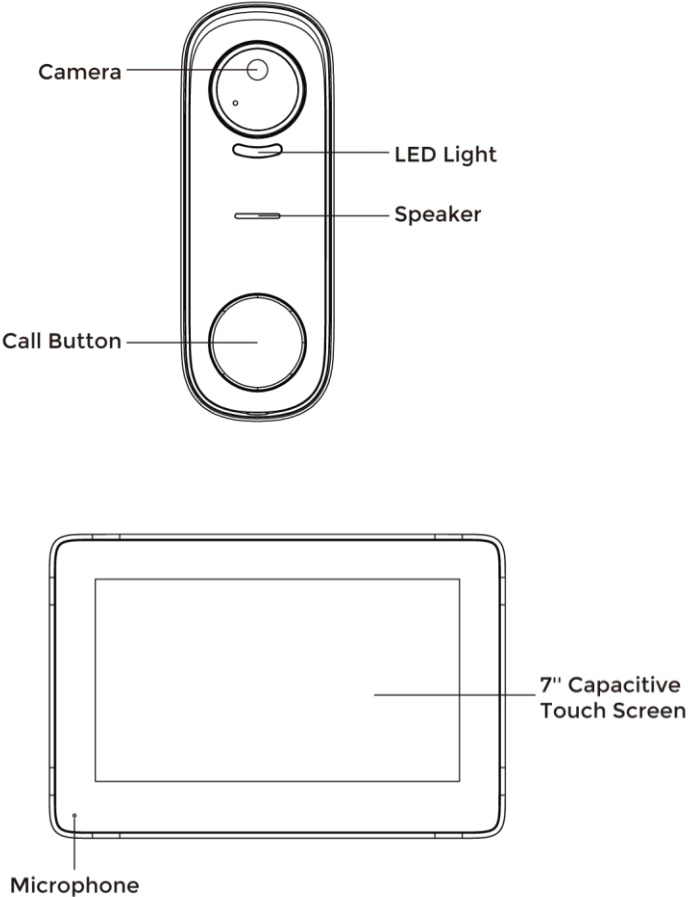


Cable



User Manual

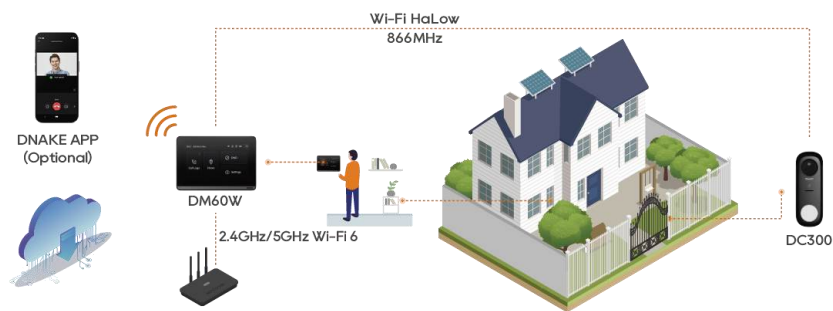
OVERVIEW



Note:

LED light: The light will activate when the device is in a dark.

SYSTEM DIAGRAM



DEVICE WIRING

1. Indoor Monitor

Network	
NO	COM

1.1 Power

Power interface of Indoor Monitor connects with DC 12V adapter or rechargeable lithium battery. (DC3.7V/2500mAh, Optional)

1.2 Network

Utilize a 4-pin to RJ45 Ethernet adapter to connect the indoor monitor to the network for Ethernet communication.

1.3 Doorbell

The NO port and COM port are used to connect the doorbell or Lock.

2. Door Camera

1	2	3	4	5	6
DC9-24V	GND	SOLAR+	EXIT	COM	NO

2.1 Power

The power interface of the Door Camera supports DC 9-24V input through Port1 and Port2.

2.2 Connected to Solar Panel

To connect a solar panel, you should use the **GND and SOLAR+** port.

2.3 Signaling Port (EXIT)

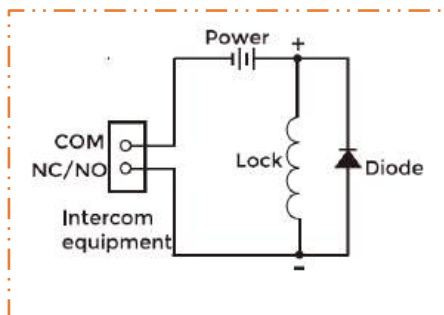
The EXIT port is an input signal designed to connect to an external exit button. When the exit button is pressed, the EXIT port receives the signal, which then activates the relay to unlock the door.

2.4 Relay Control Ports (COM and NO)

The COM and NO ports are essential for controlling external devices, such as door locks. For instance, to unlock a door, simply connect the lock mechanism between the NO and COM ports; when the relay is triggered, the lock will receive power and unlock.

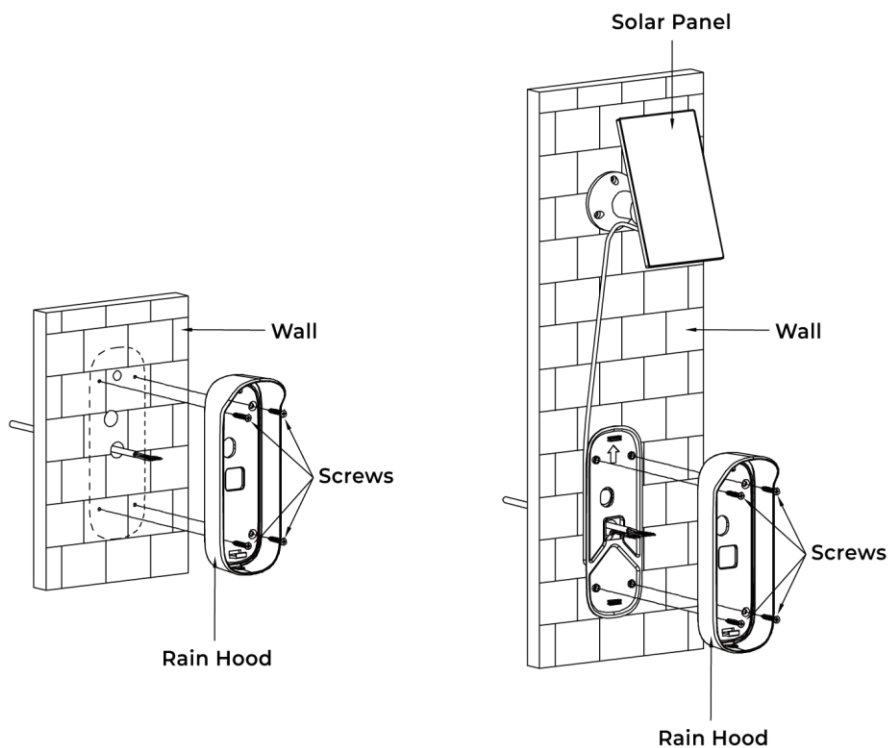
⚠ Warning!

1. When connecting to an inductive load device such as a relay or electromagnetic lock, you are recommended to use a diode 1A/400V (included in the accessories) in anti-parallel with the load device to absorb inductive load voltage peaks. The intercom will be better protected in this way.
2. The load current of the relay cannot be greater than 2A. See attached picture for more details.

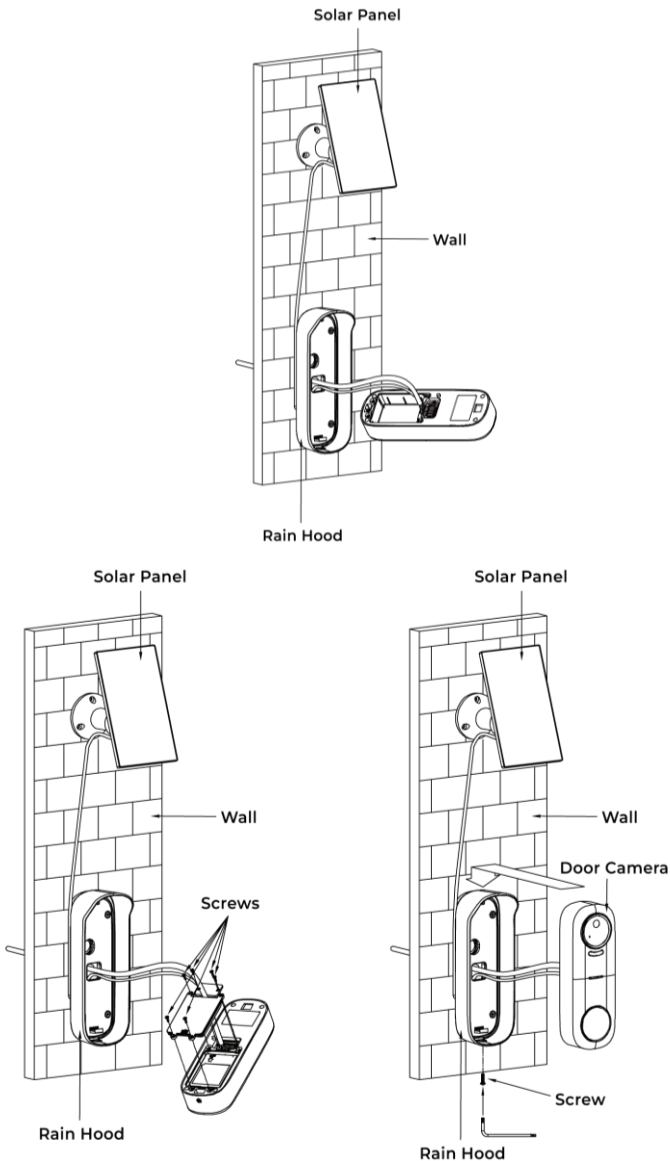


INSTALLATION

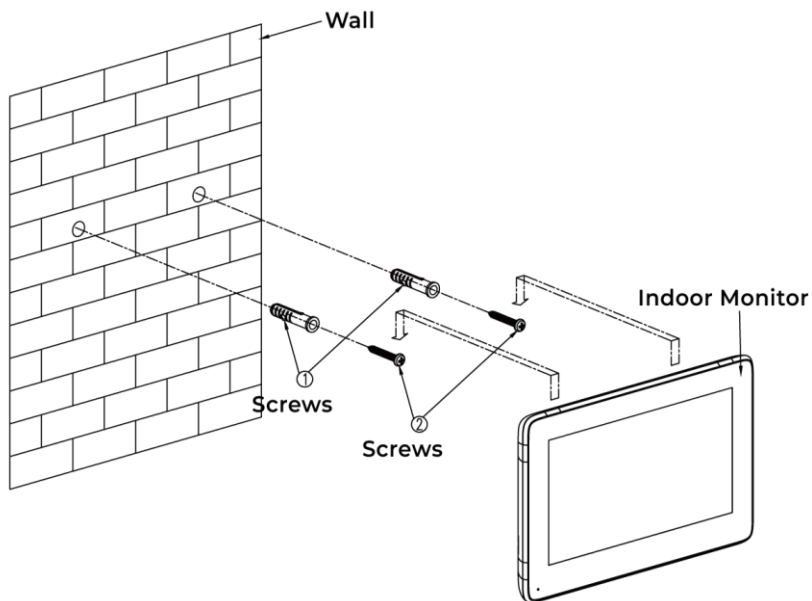
Surface Mounting Installation



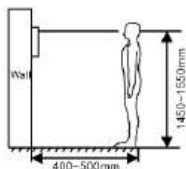
Surface Mounting Installation



Surface Mounting Installation



Tips:



The camera should be 1450~1550mm above the ground. The camera at this height can capture human face perfectly.

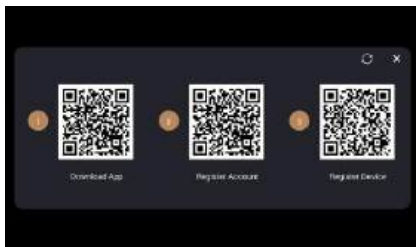
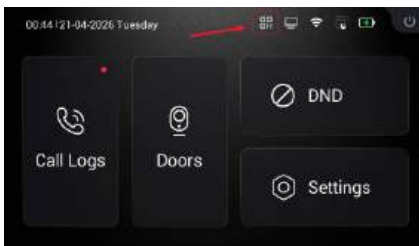
BASIC OPERATION-USER

1.Connect to DNAKE Smart Pro APP

1.1. Download APP

You can view the QR code in the wizard or on the homepage.

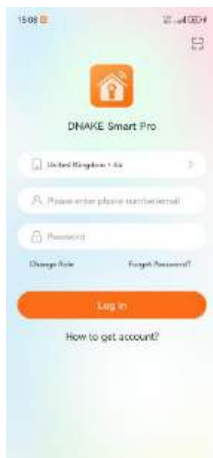
Scan 1st QR Code to download DANKE Smart Pro APP.



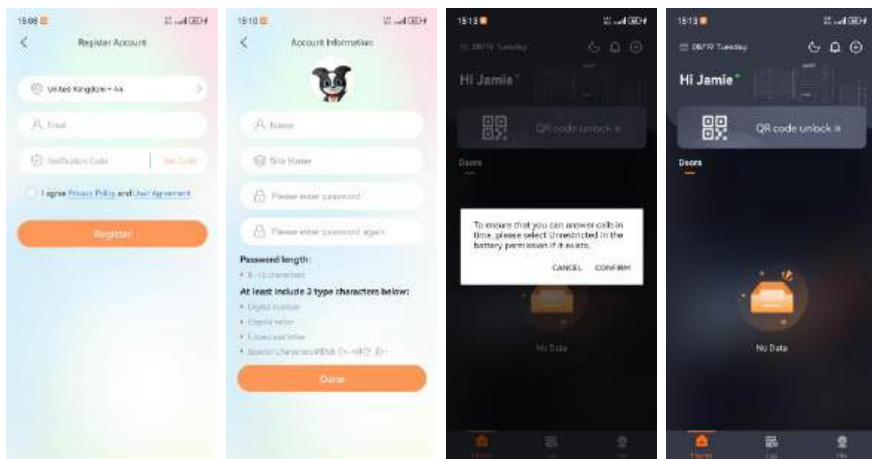
1.2. Register APP account

1. Choose your country and then scan 2nd QR Code with the app.

QR code scan tool is on the right upper corner.

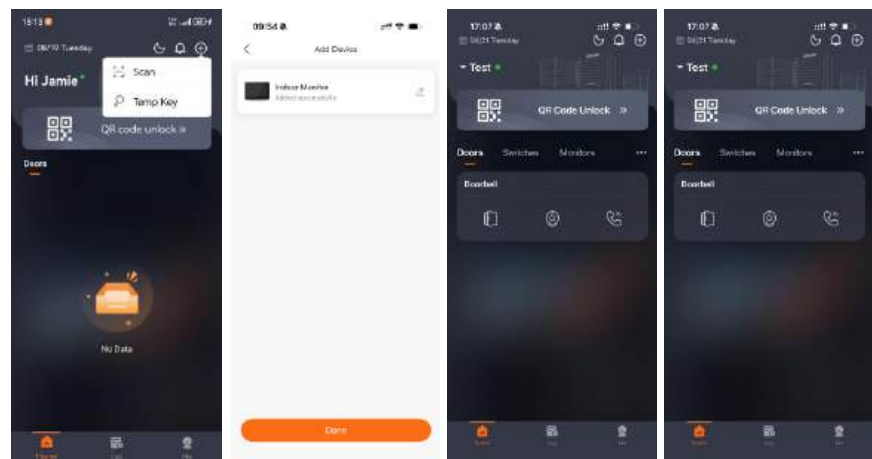


2. Fill in your email, click on Get Code to get the verification code in your inbox. Agree to Privacy Policy and User Agreement to register your Account.
3. Fill in Account information to log in. Grant the app permission. Otherwise, some functions may not be available.

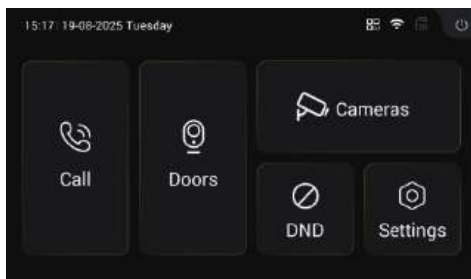


1.3. Register Device

1. Scan 3rd QR code on indoor monitor to register devices.

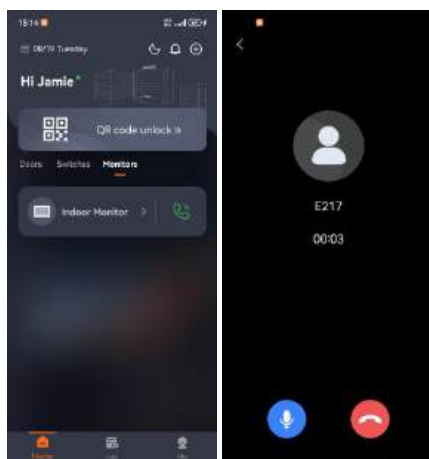


2. Click Finish to go to the Homepage. The QR code icon is still available on the upper right corner. Users can register or invite family members to scan and join.



1.4. Call Indoor Monitor with APP

Press Monitors and the dial icon to call Indoor Monitor.



2. Call Indoor Monitor by Door Camera

1. Try to call Indoor Monitor. Press the Button on Door Camera to make this call.

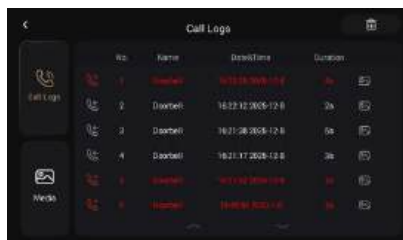


2. You can answer, reject, open the door, or speak with the visitor.



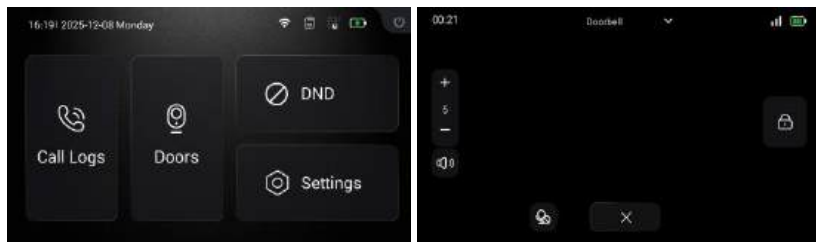
3.Call Logs

Click the Call Logs to review the log of call. During a call, you can manually save videos and snapshots to the TF card. Saved records can be viewed in the Call Logs.



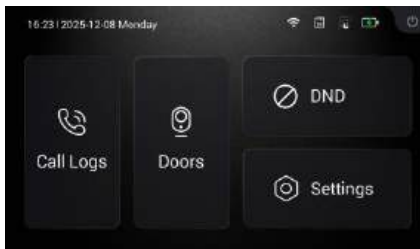
4. Monitor Door Camera on Indoor Monitor

Click Doors icon to monitor Door Camera.



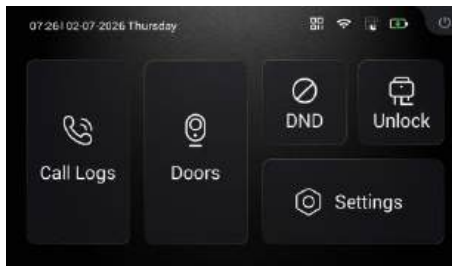
5.DND

Click DND icon to enable do not disturb function. No calls can call in.



6. Another relay output for the whole system

If another relay/dry contact output is needed to control another lock or home automation device, please enter "More" of "Settings", and configure the mode of "Local Relay" to be "Open Door", then the "COM/NO" of indoor monitor will change to be a relay/dry contact output, which you can control on the home page.



TROUBLESHOOTING

The Indoor Monitor cannot start up or power off automatically.

- Check whether it has power-failure, and power it on again.

The Indoor Monitor display screen is too dim.

- Check whether the brightness and contrast settings of screen are correct.

No sound during the communication.

- Check whether the Indoor Monitor is set as mute mode, or the volume is set to the lowest.

Multimedia files cannot be played normally.

- Check whether the system supports the file format. Please refer to the multimedia setting for details.

Touchscreen responses slowly or cannot make calibration.

- Take down any protective paster, since it may affect identification and input for device.
- Ensure the finger is dry and clean when clicking touch screen.
- Restart the device to clear any temporary software error.

The temperature of device is too high.

- Long-term use leads to high temperature. It's normal and will not affect the device's use life and performance.

SAFETY INSTRUCTION

In order to protect you and others from harm or your device from damage, please read the following information before using the device.

- Do not install the device in high-temperature and moist environment or the area close to magnetic field, such as the electric generator, transformer or magnet.
- Do not place the device near the heating products such as electric heater or the fluid container.
- Do not place the device in the sun or near the heat source, which might cause discoloration or deformation of the device.
- Do not install the device in an unstable position to avoid the property losses or personal injury caused by the falling of device.

Guard against electric shock, fire and explosion:

- Do not use damaged power cord, plug or loose outlet.
- Do not touch the power cord with wet hand or unplug the power cord by pulling.
- Do not bend or damage the power cord.
- Do not touch the device with wet hand.
- Do not make the power supply slip or cause the impact.
- Do not have the liquids such as water get into the device.

Clean Device Surface

- Clean the device surfaces with soft cloth dipped in some water, and then rub the surface with dry cloth.

Other Tips

- In order to prevent damage to the paint layer or the case, please do not expose the device to chemical products, such as the diluent, gasoline, alcohol, insect-resist agents, opacifying agent and insecticide.
- Do not knock on the device with hard objects.
- Do not press the screen surface. Overexertion might cause flopover or damage to the device.
- Please be careful when standing up from the area under the device.
- Do not disassemble, repair or modify the device at your own discretion.
- The arbitrary modification is not covered under warranty. When any repair required, please contact the customer service center.
- If there is abnormal sound, smell or fume in the device, please unplug the power cord immediately and contact the customer service center.
- When the device isn't used for a long time, the adaptor and memory card can be removed and placed in dry environment.

FCC WARNING

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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF exposure statement

This equipment complies with the FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

**EASY & SMART
INTERCOM SOLUTIONS**