DIC-22815 / DIC-22805

smartwares®

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English **3**

1 Safety

1. Please read these instructions carefully before installing and using the product.
2. Do not cut the power supply cable to extend it; the device (transformer) will not work with a longer cable. Do not plug in the device until all the wiring has been finished.

1.1 Installation Safety

1. Keep children and bystanders away while installing the products. Distractions can cause you to lose control.
2. Do not overreach when installing this product. Keep proper footing and balance at all times. This enables better control in unexpected situations.
3. This product is not a toy. Mount it out of reach of children.

1.2 Operation Safety

1. Do not operate electrically powered products in explosive atmospheres, such as in the presence of flammable liquids , gases, or dust. Electrically powered products create sparks which may ignite the dust or fumes.
2. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.
3. Do not expose the Power Adapter of this product to rain or wet conditions. Water entering the Power Adapter will increase the risk of electric shock.
4. Do not abuse the Power Cord. Never use the cord for unplugging the plug from the outlet. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
5. The adapter must match the outlet. Never modify the plug in any way. Unmodified plugs and matching outlets will reduce risk of electric shock.

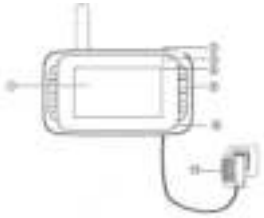
2 Parts description

2.1 What's in the box

1. Monitor
2. Doorbell
3. Mount
4. Battery
5. Monitor adapter
6. Doorbell adapter
7. External antenna
8. Manual
9. Screws and plugs

2.2 Product overview

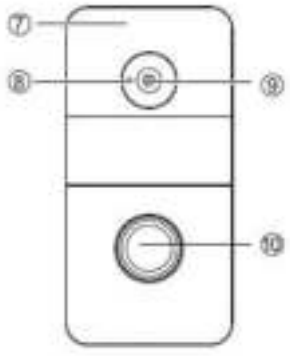
2.2.1 Indoor monitor



1. Indoor monitor unit
2. Power on/off
3. Power indicator
4. Charging indicator
5. Control panel
6. Microphone

11. Adapter

2.2.2 Doorbell

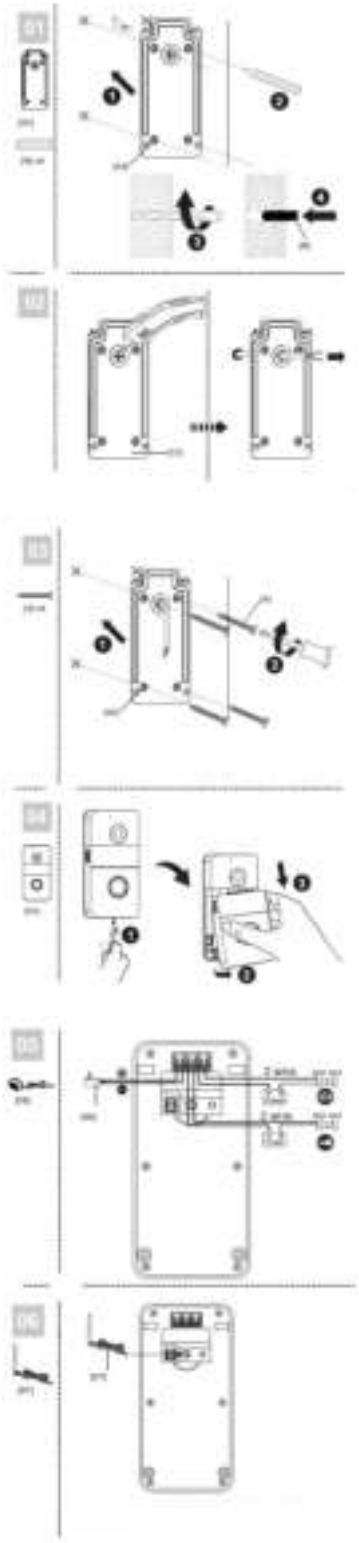


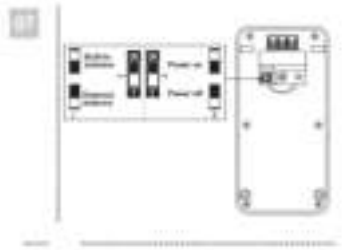
7. Microphone
8. Night sensor
9. Outdoor camera
10. Call button

3 Installation

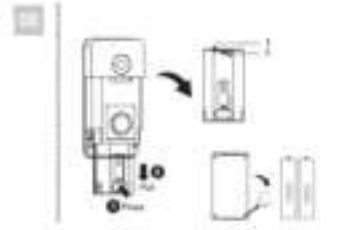
3.1 Doorbell installation

When installing the outdoor unit, make sure that the location of installation is dry. It is important that the electronics do not get wet.



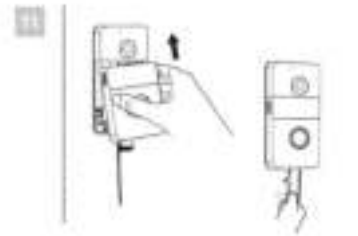


– Mounting the outdoor unit on a thicker wall can affect the signal, if this happens, the build-in antenna can be extended with the supplied external antenna. (Picture 6)
– Make sure the switch is in the correct position when using the external antenna. (Picture 7)
– If the outdoor unit does not have an external power supply the battery can be removed to charge it manually. (Picture 8)

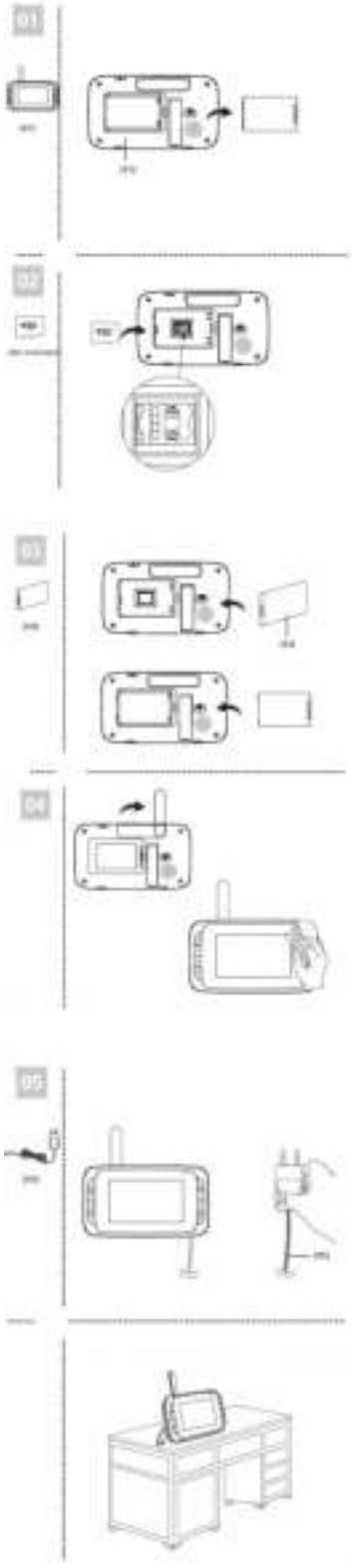


1. Charging LED
2. Charging interface

– The battery box can be opened to replace damaged or non-working batteries. (Picture 8)



3.2 Monitor installation



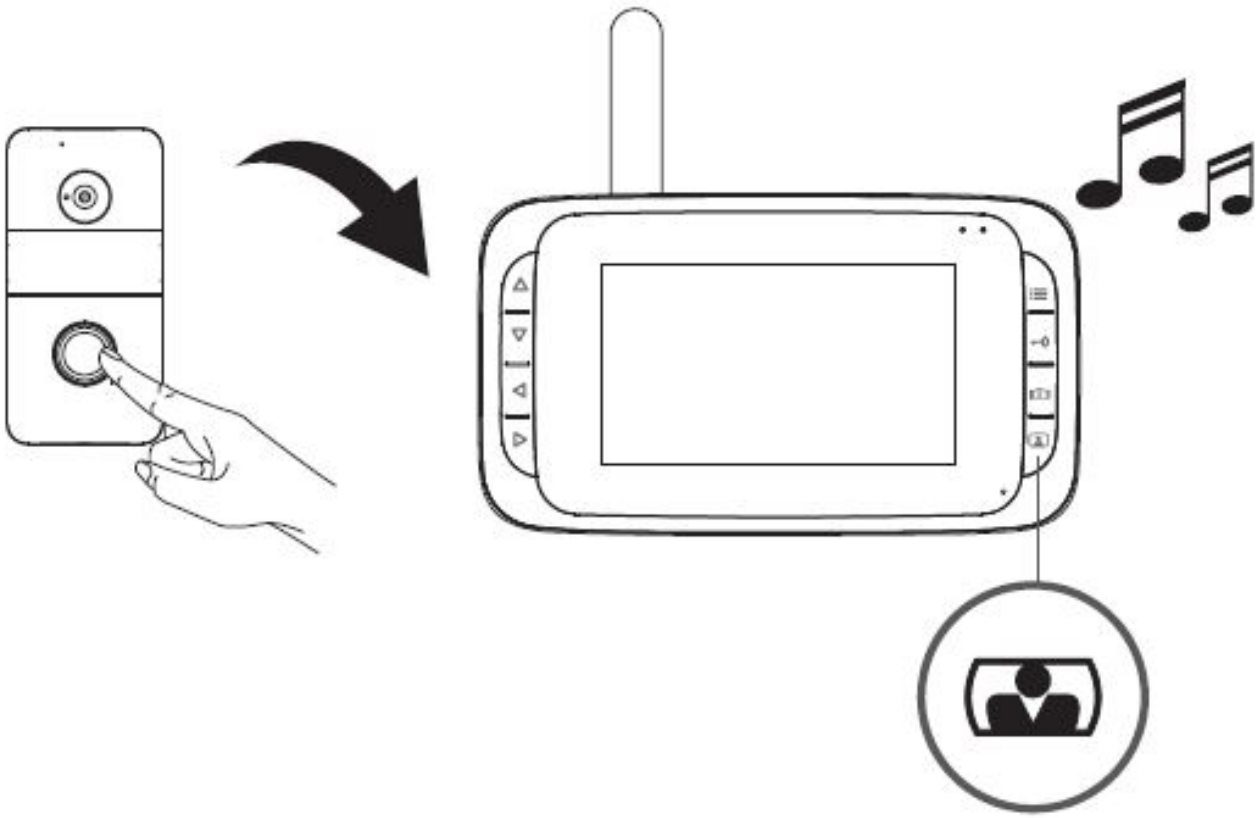
4 Use

4.1 Control buttons

1. Intercom / monitor button
2. Unlock buttons
3. Ok button / menu button
4. Up button / photo or recorder button
5. Direction buttons (down, left and right)
6. Call button / pair button

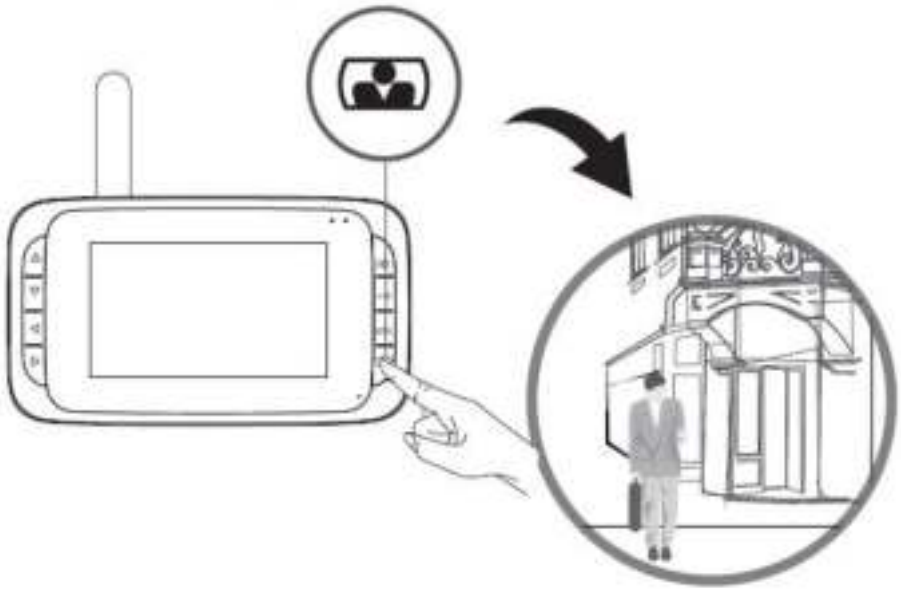
4.1.1 Use of the control buttons

– Button to communicate:



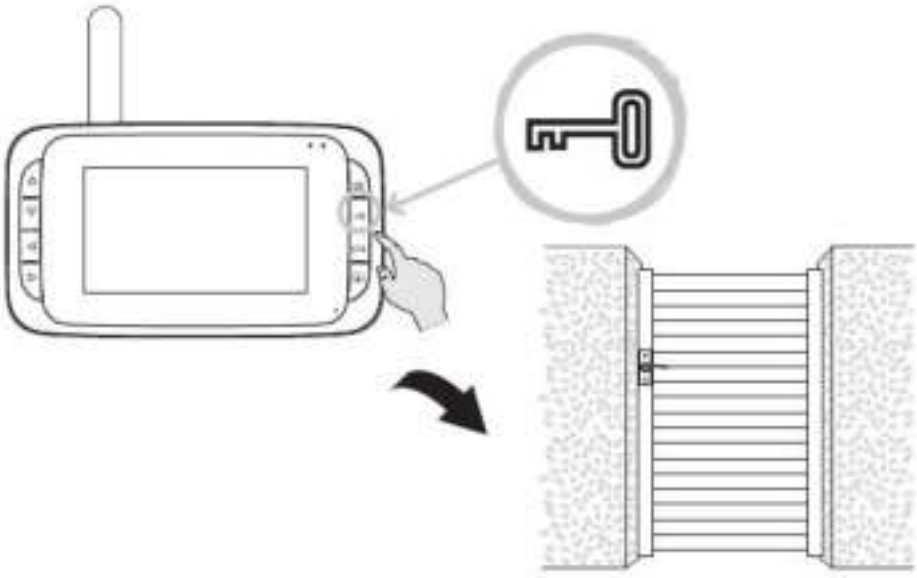
– Button to monitor:

Note: The monitor function is not available when the doorbell is operated by battery, it is only available when the power adapter is connected.

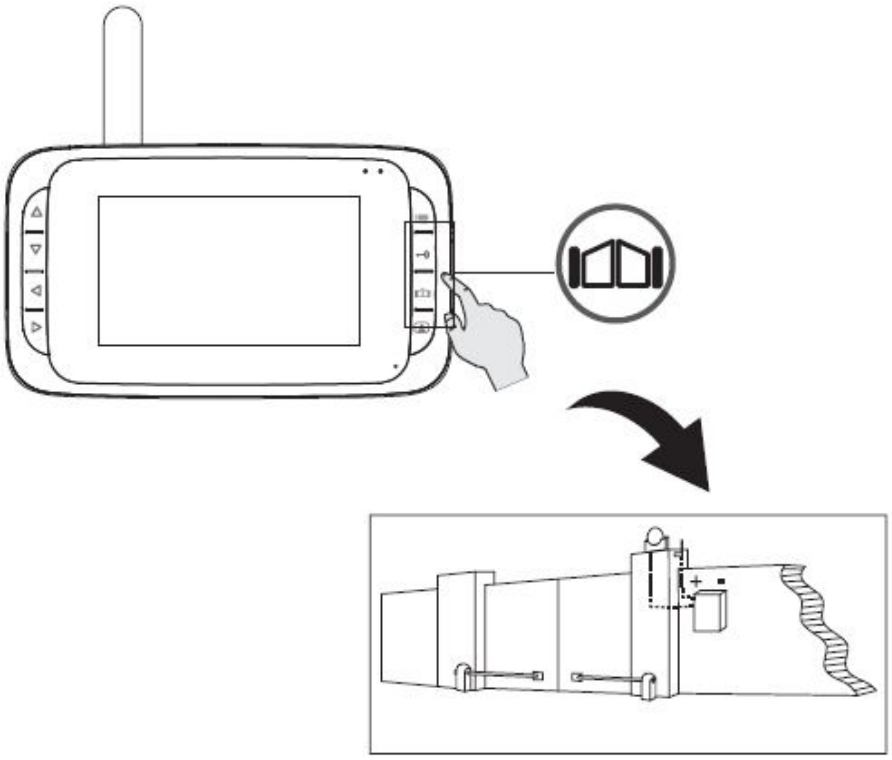


– Opening the door (with electric door opener):

Note: An electric door opener (12V, 500mA) is not included, our items DB5005 or DB5005L can be used, they are separately available.



– Opening the gate:



4.2 Screen icons

1. Wi-Fi signal strength
2. SD card inserted
3. Outdoor unit powered by battery / outdoor unit powered by power adapter
4. Video recording / picture captured
5. Indoor unit powered by battery / indoor unit powered by power adapter
6. Time and date

– Charge the battery immediately when the icon indicates a low battery level.

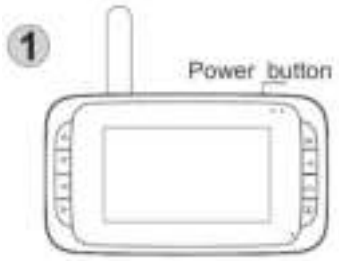
4.3 Settings menu

In the standby mode, first press the intercom/monitor button and then the ok/menu button to open the main menu. Use the directional keys to navigate through the different settings. Press the ok/menu button to select the highlighted submenu.

1. Camera pairing
2. Image setting
3. Volume control
4. Music setting
5. Play back
6. Rec/snap
7. Time setting
8. Unlock time setting
9. Exit

4.3.1 Pairing

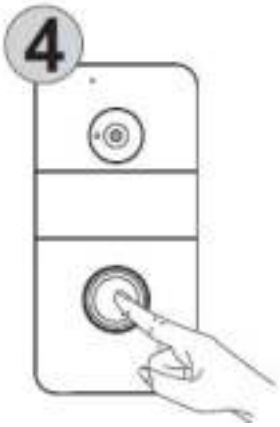
4.3.1.1 Monitor/doorbell



- Press the power button until the led turns on.
- Press the intercom / monitor button.
- Then press the menu button.

- Press the direction buttons to select the pairing icon in the menu.
- Press the menu / ok button to confirm.

- Press left/right button to select the doorbell/monitor icon.
- Press the menu / ok button to confirm.



- Press the pair button on the doorbell for some seconds.

- The image of the camera will be shown on the display if pairing is successful.

4.3.1.2 Additional monitor (DIC-22805)

There can be an extra monitor (DIC-22805, separately available) connected to the system. To link this to the system, follow the steps below:

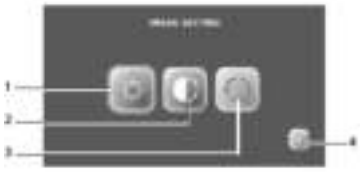
– Power on the monitor unit that already has been successfully paired with the doorbell and enter the pairing interface.
– Use the left or right button to select the 1 icon.
– Press the menu / ok button to confirm.

– Power on the extra monitor and enter the pairing interface.
– Use the left or right button to select the 2 icon.
– Press the menu / ok button to confirm.

– If pairing is successful the display will show “succeed”.

4.3.2 Image setting

Press the direction buttons to select image setting icon ,press ok button to confirm.



1. Brightness setting
2. Contrast setting
3. Color setting
4. Exit

Brightness setting

– Press left or right to select the brightness setting.
– Press ok button to confirm.
– Then press left and right to adjust the brightness level.
– Press ok button to confirm and exit.

Contrast setting

– Press left or right to select the contrast setting.
– Press ok button to confirm.
– Then press left or right to adjust the contrast level.
– Press ok button to confirm and exit.

Color setting

– Press left or right to select the color setting.
– Press ok button to confirm.
– Then press left or right to adjust the color level.
– Press ok button to confirm and exit.

4.3.3 Volume control

Press direction buttons to select volume control icon, press ok button to confirm.

1. Adjust speaker audio volume
2. Adjust mic volume
3. Exit

Adjust speaker audio volume

- Press left or right to select the speaker audio volume icon.
- Press ok button to confirm.
- Then press left and right to adjust the volume level.
- Press ok button to confirm and exit.

Adjust mic volume

- Press left or right to select the mic volume icon.
- Press ok button to confirm.
- Then press left and right to adjust the volume level.
- Press ok button to confirm and exit.

4.3.4 Music setting

- Press direction buttons to select the music icon ,press ok button to go into the music submenu.
- Move up and down to select one of the 52 different music tunes and press ok button to confirm.

4.3.5 Play back

- Press the direction buttons to select the play back icon, press ok button to confirm and go into the submenu.

1. Play back AVI file
2. Show photo file
3. Exit

- Use left of right buttons to select movie or photo icon.
- Press the ok button.

- Press the up and down button to select folder.
- Press right button to access the marked folder.
- Use up and down buttons to select file.
- Show the marked file with the right button.
- Press the up and down buttons to show next or previous files on screen.
- To go back one step in the menu each time, the left button can be used.

Delete folder or file

- When pressing the ok button on a selected folder or file a submenu of the delete option will pop-up.
- Select yes or no with the left or right button.
- When yes is selected and after confirmation with the ok button, the file or folder will be deleted.

4.3.6 Rec/snap

Recording a video or taking a photo settings

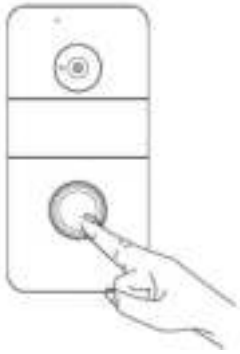
An SD card (not included) is required for storing video and photo files.

– Press the direction buttons to select the rec/snap icon and press the ok button to confirm.

– In the submenu there are 3 options:

1. Taking a photo
2. Recording a video
3. Exit

– Use the left and right button to select the desired function and press the ok button to confirm.



– The system automatically records a video or takes a photo when the call button is pressed.

Manual recording a video or take a photo.

– In the talk state, press the up button to start recording a video or take a photo.

– Press up button again to stop recording.

– When power is supplied to the outdoor unit, first press the monitor button and then press the up button to take a picture or start recording.

– Press the up button again to stop.

4.3.7 Time setting

– Press direction buttons to select the time setting icon ,press ok button to confirm.

– Press left and right buttons to select the setting you want to change.

– Press up and down buttons to adjust this setting and use the ok button to confirm.

4.3.8 Unlock time setting

– Press direction buttons to select the unlock time icon ,press ok button to get into the submenu.

– Use the left and right button to select between 100mS, 1S, 5S or 10S.

– Confirm and exit by pressing the ok button.

4.3.9 Exit

– Use the exit icon to go back one step in the menu or leave the menu completely to the monitor mode.

5 Cleaning and maintenance

- Clean the outside of the appliance with a soft and slightly moistened cloth.
- Do not use any carboxylic cleaning agents or petrol, alcohol or similar. These attack the surfaces of the devices. Besides, the vapors are hazardous to your health and explosive. Do not use any sharp edged tools, screw drivers, metal brushes or similar for cleaning.

6 Technical Data

– The appliance is suitable for domestic use only.

General	Operating Frequency	2400-2483.5MHz
	Transmission rate	15~25fps(only effective distance)
	Unobstructed effective range	200m
	TX power	14~18dBm
	RX sensitivity	-85dBm
	Operating temperature	Max 50°C
	Storage temperature	-20°C ~ +60°C
	Operating humidity	<85%RH
	Sensor type	CMOS
Outdoor camera	View angle	About 85°
	Supply voltage	DC/AC 8~24V (battery: 3.7V/2000mAH 18650)
	Consumption current	300±50mA
	Screen size	4,3 inch (diagonal)
	Resolution	480x272(RGB)
	Supply voltage	DC 5V/1A (battery: 3.7V/1500mAH)
Indoor monitor	Consumption current	350±50mA
	Charging time	<2 hours
	Image format	JPEG
	Video format	AVI
	SD card	SDHC 2GB-32GB

7 Environment

This appliance should not be put into the domestic garbage at the end of its durability, but must be offered at a central point for the recycling of electric and electronic domestic appliances. This symbol on the appliance, instruction manual and packaging puts your attention to this important issue. The materials used in this appliance can be recycled. By recycling of used domestic appliances you contribute an important push to the protection of our environment. Ask your local authorities for information regarding the point of recollection.

Support

You can find all available information and spare parts at www.smartwares.eu

Please read manual before use, and store it carefully for future use and maintenance.

8 Declaration of Conformity

Hereby, Smartwares Europe declares that the radio equipment type DIC-22815 is in compliance with Directive 2014/53/EU

The full text of the EU declaration of conformity is available at the following internet address: www.smartwares.eu/doc