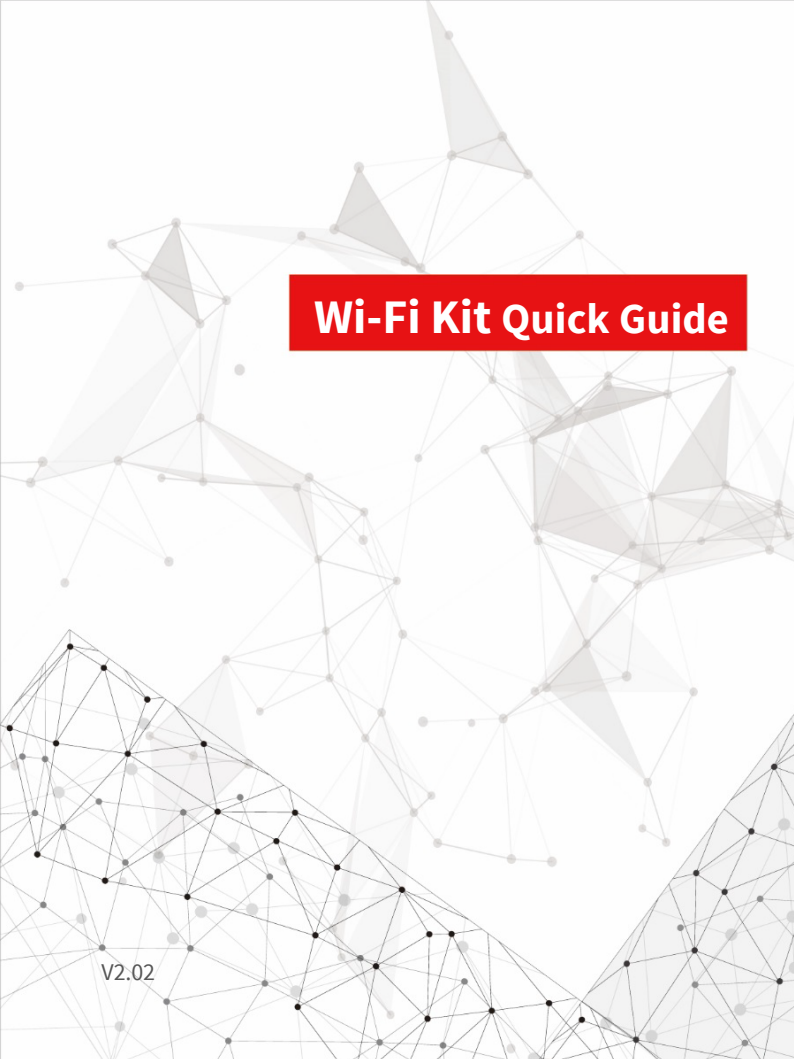




Wi-Fi Kit Quick Guide

V2.02

1 Default IP, Username and Password

IP address:	NVR	192.168.1.30
	IPC	192.168.1.13
Username:	admin	
Password:	123456	

NOTE!

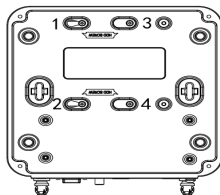
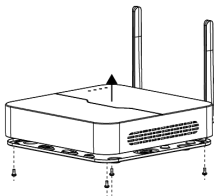
For security, you are strongly recommended to set a strong password of at least nine characters including all three elements: digits, letters and special characters.

2 Install Device

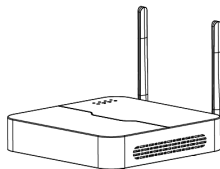
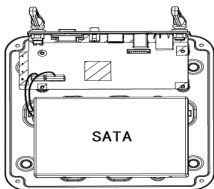
The illustrations are for reference only. The actual device may vary.

2.1 Hard Disk Installation

1. Loosen the screws and remove the cover.
2. Secure the disk by fixing the screws to the screw holes shown in the figure.

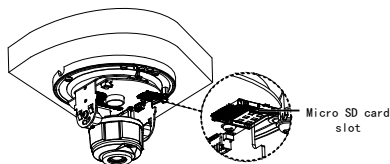


3. Connect data cables and power cables to the disk.
4. Put the cover back in place and tighten the screws.



2.2 (Optional) Install SD Card

Insert a SD card into the slot to use the local storage function. For detailed specifications of recommended SD cards, contact your dealer or technical support. Hot plugging is not recommended.

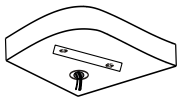


2.3 Install the Camera

You can adopt ceiling mount or wall mount and purchase hardware accessories by yourself. The following part takes ceiling mount as an example. Wall mount is similar to ceiling mount and therefore is omitted here.

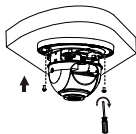
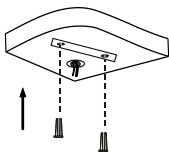
The following takes the infrared camera as an example. For the actual appearance, see the product.

1. Locate the positions of the holes. Paste installation positioning stickers on the ceiling and lead the cables through the hole on the wall.
2. Drill holes on the wall. Use a $\varnothing 6$ -6.5mm drill bit to drill 30 mm-depth guide holes according to the positions marked by stickers.

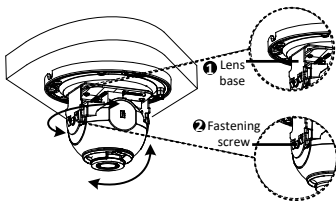


3. Mount the plastic rivets of self-tapping screws. Knock the plastic rivets into the guide holes and ensure that they are tightened up.
4. Mount the camera. Connect all cables of the ceiling and the camera, lead self-tapping screws through the guide holes in the camera base, and fix the camera

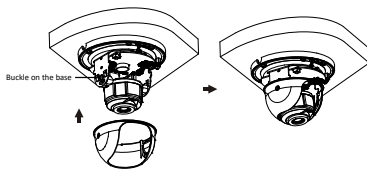
on the ceiling by using a screwdriver.



5. Adjust the monitoring direction of the lens (tighten screws after vertically adjusting the lens). The lens can horizontally turn by rotating the lens base, as shown by ❶ in the following figure. After loosening the fastening screws, you can vertically turn the lens, as shown by ❷ in the following figure.

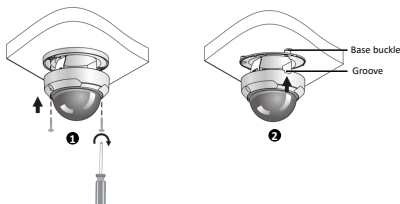


6. After adjusting the lens horizontally and vertically, you can also rotate the lens clockwise or counterclockwise to get the desired monitoring direction. Please stop rotating the camera when the lens is blocked, otherwise the camera lens might be damaged.



7. Mount the transparent dome housing.

- (1) Align the screw holes in the base, and tighten the two cross-recessed pan-head screws on the edge of the transparent dome housing to fix it, as shown by ❶ in the following figure.
- (2) Align the grooves (non-tail cable grooves) of the transparent dome housing to the buckle of the base, and push up the dome housing to fix it, as shown by ❷ in the following figure.



NOTE!

- The preceding installation process is concealed installation, during which holes are drilled in the ceiling and tail cable is led out from the top of the camera. Cables are connected and frapped at the ceiling side to prevent messy cables from affecting camera mounting. If open installation is adopted, tail cable is led out from one side of the camera and can be routed from the side groove of the camera.
- After mounting the dome housing, check that the two cross-recessed pan-head screws on the edge of the dome housing are tightened up to ensure that the camera is properly sealed. For details, see Mount the transparent dome housing.

3 Connect the Kit

The following part shows an example. The actual device may vary.

1. Connect the NVR to a monitor with a VGA or HDMI cable (not included in the kit).
2. Plug a mouse into the USB interface on the NVR.
3. Connect the NVR and the camera to power.

Figure 3-1 NVR Interfaces

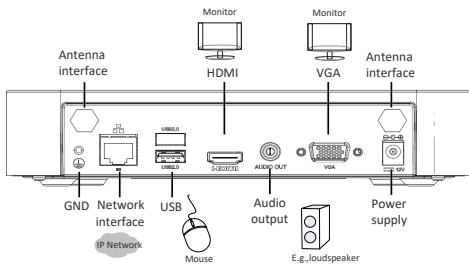
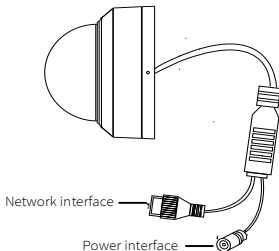


Figure 3-2 IPC Interfaces



4 Device Operation

4.1 Startup and Shutdown

Make sure the cables are connected correctly and the device is grounded properly. Use a power supply that meets requirements.

4.1.1 Startup

Connect the devices to power to start up the devices.

4.1.2 Shutdown

Click  > **Shutdown** on the screen toolbar in live view page.



CAUTION!

Do not disconnect power when the NVR is operating or shutting down.

4.2 Wi-Fi Configuration

The camera will get online and start live view on the NVR once the NVR and camera are connected to power. Follow the steps to change Wi-Fi settings.

1. Right-click on the NVR and then choose **Menu > Network > Wi-Fi AP**.
2. Change settings as needed:
 - SSID: MAC address by default, you can change as needed.
 - Password: The default is the last eight digits of the serial number. You are strongly recommended to change into a strong password.
 - Region, Channel: Signal interference varies with region and channel. You are recommended to choose a channel with less signal interference.
 - Wireless NIC IP: The IP address of wireless NIC. The NVR assigns IP address to connected devices based on the start and end IP address range.

SSID	NVR
Password	Admin12345
Region	MKX
Channel	13 Auto
Wireless NIC IP	172 . 16 . 0 . 1
Start IP	172 . 16 . 0 . 100
End IP	172 . 16 . 0 . 254

No.	Camera ID	Status	IP	Model	MAC Address	Signal Strength
1	D2	Added	172.16.0.109	IPC2122SR1-F40W-D	00:95:69:F8:58:2c	
2	D1	Added	172.16.0.104	IPC2122SR1-F40W-D	00:95:69:F5:36:a8	

Note: Follow local laws and regulations governing Wi-Fi usage to choose region.

Refresh QR Code Pair One-Click Pair Apply Exit



CAUTION!

The NVR's wireless NIC IP must be in a different network segment with its LAN IP address.

3. Click **Apply**.



NOTE!

After SSID or password are changed on the NVR, the new SSID or password will be synchronized to online cameras. For offline cameras, the changed settings cannot be synchronized, and you need to pair the camera with the NVR again. See 5.3 Pair Devices Again for details.

4.3 Pair Devices Again

If you change Wi-Fi settings on the NVR when cameras are offline, you need to pair devices again. Choose one of the following methods as needed.



NOTE!

The following methods are also applicable if you pair a camera not in the kit with the NVR.

- One-Click Pair

1. Connect the camera and the NVR to the same switch (or connect the camera to the NVR with a network cable), and connect the devices to power.
2. Right-click on the NVR and then choose **Menu > Network > Wi-Fi AP**.
3. Press the RESET button on the back of the camera to restore factory default settings.



NOTE!

The reset button only works in 1-10 minutes after the camera is powered on. If you fails to press the button within the time range, you need to power off the camera and then on again to restore the defaults.

4. Click **One-Click Pair**.



NOTE!

This function works within 3 minutes after the camera restores defaults. So, if the camera is not paired successfully within this time, please restart the camera or try other methods.

5. Wait for the camera to get online.

- QR Code Pair

1. Connect the camera to power.

2. Press the RESET button on the back of the camera to restore factory default settings.

3. Right-click on the NVR and then choose **Menu > Network > Wi-Fi AP**.

4. Click **QR Code Pair**, and follow the on-screen instructions to scan the QR code.

5. Wait for the camera to get online.

- Use EZView

Please refer to 8.5 Pair Camera and NVR for detailed steps.

5 Playback

In the preview page, select the desired window, then right click and select **Playback** to play the recording of the current day.

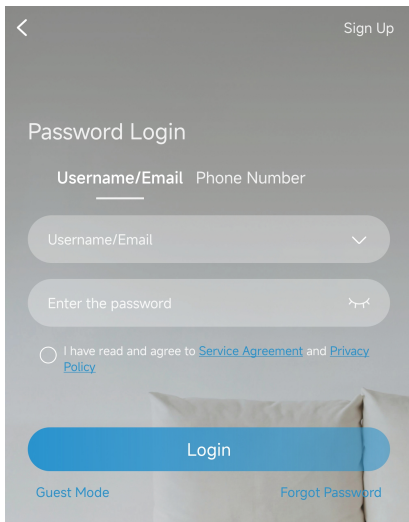


NOTE!

- A 7*24 recording schedule is enabled by default. To set a recording schedule manually, right click and select **Menu > Storage > Recording** and then set recording type and time based on your needs.
- If you choose **Event** type recording, you need to enable the corresponding alarm function and configure alarm-triggered recording/snapshot first.

6 UNV-Link

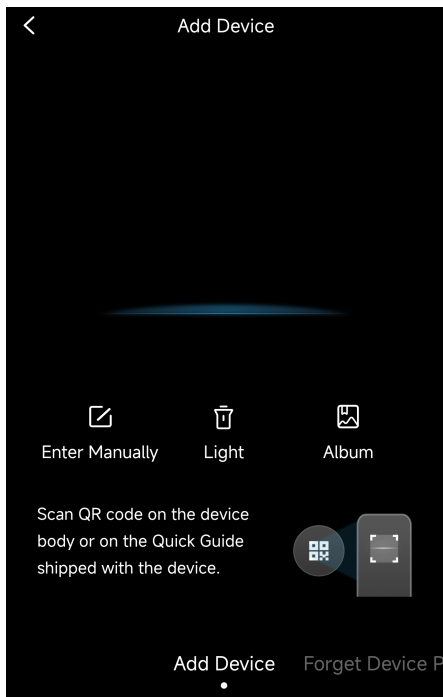
Tap **Sign Up** and follow the instructions on the app screen to complete the signup.



The screenshot shows the 'Password Login' screen of the UNV-Link app. At the top left is a back arrow, and at the top right is the text 'Sign Up'. The title 'Password Login' is centered. Below it, there are two tabs: 'Username/Email' (which is selected and underlined) and 'Phone Number'. Under the 'Username/Email' tab, there is a text input field with the placeholder 'Username/Email' and a dropdown arrow on the right. Below that is a password input field with the placeholder 'Enter the password' and an eye icon on the right. Under the password field, there is a radio button followed by the text 'I have read and agree to [Service Agreement](#) and [Privacy Policy](#)'. At the bottom, there is a large blue 'Login' button. Below the button, there are two links: 'Guest Mode' on the left and 'Forgot Password' on the right. The background of the app screen shows a close-up of a white pillow.

6.1 Add Devices

After logging in to your account, tap **Add Device** / , and select a way to add devices. It's recommended to add devices by scanning the QR code on the device body.



6.2 Live View/Playback

Tap  , tap the target device, choose a channel, and tap **Live View** or **Playback** to view the live video or play back videos.

Live View

Playback

Message



Multiple Windows



Alarm



Image



Multi-Window
Playback



Snapshot



Record

6.3 Share Devices

Tap  UNV-Link > ••• > **Share**, and then complete the sharing settings. You may also share the device by generating a QR code.



Receive Alarm Message



Share



Set



Delete device



Cancel

6.4 Pair Camera and NVR

1. Connect the camera to power, and connect your mobile phone to NVR's Wi-Fi network.

2. Press the reset button on the back of the camera to restore factory default settings.
3. Tap  > **Tool** > **Device Wi-Fi Configuration**, enter the Wi-Fi password, and tap **Start** to add the camera to the NVR.

< Device Wi-Fi Configuration

Wi-Fi

0000-0000

Password

Please enter the password

>

Security

WPA/WPA2 >

Follow the steps to configure Wi-Fi and add cameras to NVR.

1. Connect your mobile phone to the NVR's Wi-Fi.
2. Enter the Wi-Fi password and then tap <Start>.
3. Wait patiently for 5 mins (may be longer) and then check on the NVR whether the cameras are added.

Start

7 Web Login

Before you begin, check that your PC is connected to your NVR through network.

1. Open the browser on your PC, enter the IP address in the address bar, then press **Enter**. Install the plugin as required at first login. Close your browser during the installation.
2. In the login page, enter the correct username and password, then click **Login**.

Disclaimer and Safety Warnings

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EU Authorised Representative

UNV Technology EUROPE B.V. Treubstraat 1, 2288 EG, Rijswijk, Netherlands.

If you have any feedback, please contact us at service@uniview.com.

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Uniview complies with appropriate privacy protection laws and is committed to protecting user privacy. You may want to read our full privacy policy at our website and get to know the ways we process your personal information. Please be aware, using the product described in this manual may involve the collection of personal information such as face, fingerprint, license plate number, email, phone number, GPS. Please abide by your local laws and regulations while using the product.

About This Manual

- This manual is intended for multiple product models, and the photos, illustrations, descriptions, etc. in this manual may be different from the actual appearances, functions, features, etc. of the product.
- This manual is intended for multiple software versions, and the illustrations and descriptions in this manual may be different from the actual GUI and functions of the software.
- Despite our best efforts, technical or typographical errors may exist in this manual. Uniview cannot be held responsible for any such errors and reserves the right to change the manual without prior notice.
- Users are fully responsible for the damages and losses that arise due to improper operation.
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- To the extent allowed by applicable law, in no event shall Uniview's total liability to you for all damages for the product described in this manual (other than as may be required by applicable law in cases involving personal injury) exceed the amount of money that you have paid for the product.

Network Security

Please take all necessary measures to enhance network security for your device.

The following are necessary measures for the network security of your device:

- **Change default password and set strong password:** You are strongly recommended to change the default password after your first login and set a strong password of at least nine characters including all three elements: digits, letters and special characters.
- **Keep firmware up to date:** It is recommended that your device is always upgraded to the latest version for the latest functions and better security. Visit Uniview's official website or contact your local dealer for the latest firmware.

The following are recommendations for enhancing network security of your device:

- **Change password regularly:** Change your device password on a regular basis and keep the password safe. Make sure only the authorized user can log in to the device.
- **Enable HTTPS/SSL:** Use SSL certificate to encrypt HTTP communications and ensure data security.
- **Enable IP address filtering:** Allow access only from the specified IP addresses.
- **Minimum port mapping:** Configure your router or firewall to open a minimum set of ports to the WAN and keep only the necessary port mappings. Never set the device as the DMZ host or configure a full cone NAT.
- **Disable the automatic login and save password features:** If multiple users have access to your computer, it is recommended that you disable these features to prevent unauthorized access.
- **Choose username and password discretely:** Avoid using the username and password of your social media, bank, email account, etc, as the username and password of your device, in case your social media, bank and email account information is leaked.
- **Restrict user permissions:** If more than one user needs access to your system, make sure each user is granted only the necessary permissions.
- **Disable UPnP:** When UPnP is enabled, the router will automatically map internal ports, and the system will automatically forward port data, which results in the risks of data leakage. Therefore, it is recommended to disable UPnP if HTTP and TCP port mapping have been enabled manually on your router.
- **SNMP:** Disable SNMP if you do not use it. If you do use it, then SNMPv3 is recommended.
- **Multicast:** Multicast is intended to transmit video to multiple devices. If you do not use this function, it is recommended you disable multicast on your network.
- **Check logs:** Check your device logs regularly to detect unauthorized access or abnormal operations.
- **Physical protection:** Keep the device in a locked room or cabinet to prevent unauthorized physical access.
- **Isolate video surveillance network:** Isolating your video surveillance network with other service networks helps prevent unauthorized access to devices in your security system from other service networks.

Learn More

You may also obtain security information under Security Response Center at Uniview's official website.

Safety Warnings

The device must be installed, serviced and maintained by a trained professional with necessary safety knowledge and skills. Before you start using the device, please read through this guide carefully and make sure all applicable requirements are met to avoid danger and loss of property.

Storage, Transportation, and Use

- Store or use the device in a proper environment that meets environmental requirements, including and not limited to, temperature, humidity, dust, corrosive gases, electromagnetic radiation, etc.
- Make sure the device is securely installed or placed on a flat surface to prevent falling.
- Unless otherwise specified, do not stack devices.
- Ensure good ventilation in the operating environment. Do not cover the vents on the device. Allow adequate space for ventilation.
- Protect the device from liquid of any kind.
- Make sure the power supply provides a stable voltage that meets the power requirements of the device. Make sure the power supply's output power exceeds the total maximum power of all the connected devices.
- Verify that the device is properly installed before connecting it to power.
- Do not remove the seal from the device body without consulting Uniview first. Do not attempt to service the product yourself. Contact a trained professional for maintenance.
- Always disconnect the device from power before attempting to move the device.
- Take proper waterproof measures in accordance with requirements before using the device outdoors.

Power Requirements

- Install and use the device in strict accordance with your local electrical safety regulations.
- Use a UL certified power supply that meets LPS requirements if an adapter is used.
- Use the recommended cordset (power cord) in accordance with the specified ratings.
- Only use the power adapter supplied with your device.
- Use a mains socket outlet with a protective earthing (grounding) connection.
- Ground your device properly if the device is intended to be grounded.

Battery Use Caution

- When battery is used, avoid:
 - Extremely high or low temperature and air pressure during use, storage and transportation.
 - Battery replacement.
- Use the battery properly. Improper use of the battery such as the following may cause risks of fire, explosion or leakage of flammable liquid or gas.
 - Replace battery with an incorrect type.
 - Dispose of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery.
- Dispose of the used battery according to your local regulations or the battery manufacturer's instructions.

Avertissement de l'utilisation de la batterie

- Lorsque utiliser la batterie, évitez:
 - Température et pression d'air extrêmement élevées ou basses pendant l'utilisation, le stockage et le transport.
 - Remplacement de la batterie.
- Utilisez la batterie correctement. Mauvaise utilisation de la batterie comme celles mentionnées ici, peut entraîner des risques d'incendie, d'explosion ou de fuite liquide de gaz inflammables.
 - Remplacer la batterie par un type incorrect.

- Disposer d'une batterie dans le feu ou un four chaud, écraser mécaniquement ou couper la batterie.
- Disposer la batterie utilisée conformément à vos règlements locaux ou aux instructions du fabricant de la batterie.
- **Personal safety warnings:**
 - Chemical Burn Hazard. This product contains a coin cell battery. Do NOT ingest the battery. It can cause severe internal burns and lead to death.
 - Keep new and used batteries away from children.
 - If the battery compartment does not close securely, stop using the product and keep it away from children.
 - If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- **Avertissements de sécurité personnelle:**
 - Risque de brûlure chimique. Ce produit contient une batterie de cellules. N'ingérer pas la batterie. Si la batterie de cellule est avalée, elle peut causer de graves brûlures internes en seulement 2 heures et peut entraîner la mort.
 - Gardez les batteries nouvelles ou utilisées à l'écart des enfants.
 - Si le compartiment de la batterie ne se ferme pas en toute sécurité, cessez d'utiliser le produit et gardez-le à l'écart des enfants.
 - Si vous pensez que des piles ont pu être avalées ou placées à l'intérieur d'une partie du corps, consultez immédiatement un médecin.

Regulatory Compliance

FCC Statements

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.

Visit https://global.uniview.com/Support/Download_Center/Product_Installation/Declaration/ for SDoC.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.

RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

LVD/EMC/RE Directive



This product complies with the European Low Voltage Directive 2014/35/EU, EMC Directive 2014/30/EU and RE Directive 2014/53/EU.

WEEE Directive–2012/19/EU



The product this manual refers to is covered by the Waste Electrical & Electronic Equipment (WEEE) Directive and must be disposed of in a responsible manner.

Battery Regulation- (EU) 2023/1542



Battery in the product complies with the European Battery Regulation (EU) 2023/1542. For proper recycling, return the battery to your supplier or to a designated collection point.