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### **About this Manual**

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 EZVIZ™ website (<http://www.ezviz.com>).

### **Revision Record**

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# Overview

## 1. Package Contents



Wireless Smart Home Hub (x1)  
(Hereinafter referred to as "Hub")



Mouse (x1)



Power Adapter (x1)



For 16CH models: Screw Kit (x2)  
For 8CH models: Screw Kit (x1)



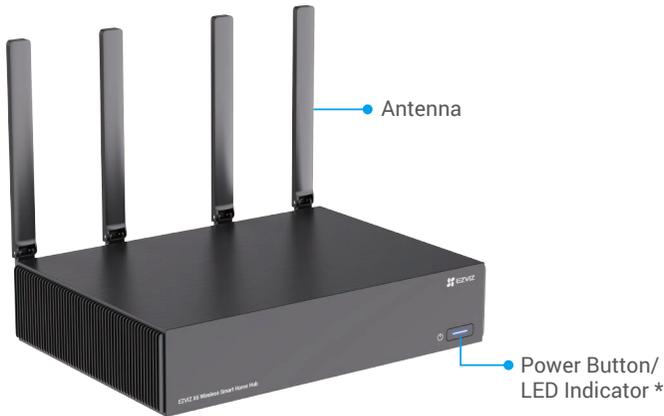
Regulatory Information (x2)



Quick Start Guide (x1)

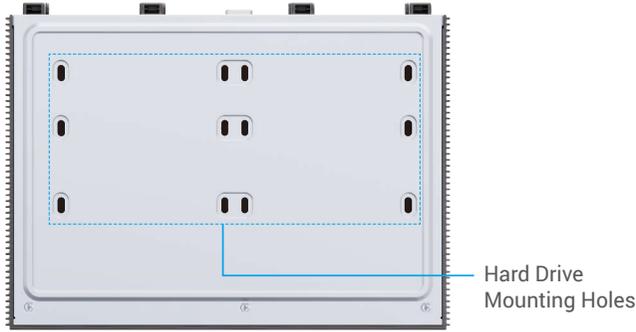
## 2. Basics

### Front Panel



Name	Description
Power Button	<ul style="list-style-type: none"><li>• Press shortly to turn the Hub ON.</li><li>• Press and hold for more than 3 seconds to turn the Hub OFF.</li></ul>
LED Indicator	<ul style="list-style-type: none"><li>● Solid green: Hub working normally.</li><li>●●● Fast-flashing red: Hub exception.</li><li>● Solid red: Hub powering on or restoring factory settings.</li><li>●●● Fast-flashing blue: No bound device, or hard drive not initialized.</li><li>●○●○ Slow-flashing blue: Network configuring or device binding in progress.</li></ul>

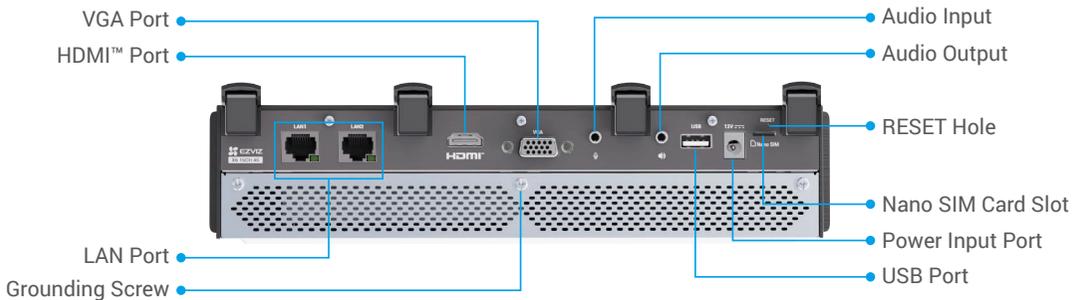
## Base Plate



## Rear Panel

- The rear panel layout varies depending on the model. Please refer to the table below to identify the Hub you purchase.
- The ports and descriptions are based on the 16CH 4G model for reference. The Hub's appearance is subject to the actual one you purchase.

Port	8CH	8CH 4G	16CH	16CH 4G
VGA Port	1	1	1	1
HDMI™ Port	1	1	1	1
LAN Port	1	1	2	2
Grounding Screw	1	1	1	1
Audio Input (3.5mm)	1	1	1	1
Audio Output (3.5mm)	1	1	1	1
RESET Hole	1	1	1	1
Nano SIM Card Slot	×	1	×	1
Power Input Port	1	1	1	1
USB Port	1	1	1	1



Name	Description
VGA Port	Output video to a monitor via a VGA cable (purchase separately).
HDMI™ Port	Output high-definition video and audio to a monitor via an HDMI™ cable (purchase separately).

Name	Description
LAN Port	Connect the Hub to a router or switch for network access via an Ethernet cable (purchase separately).
Grounding Screw	Connect the grounding wire to this screw to prevent electrostatic damage.
Audio Input (3.5mm)	Connect a microphone or other audio input device (purchase separately).
Audio Output (3.5mm)	Connect a speaker or other audio output device (purchase separately).
RESET Hole	Insert and hold a pin (purchase separately) for 7 seconds to restore to the Hub factory settings.
Nano SIM Card Slot	Insert a Nano SIM card (purchase separately) for 4G mobile network connectivity.
Power Input Port	Connect the Hub to power outlet via a power adapter (DC12V 2.5A for 16CH and DC12V 2A for 8CH).
USB Port	Connect USB device such as a mouse (included in the package) or external storage (purchase separately).

## Get the EZVIZ App

1. Connect your mobile phone to Wi-Fi (suggested).
2. Download and install the EZVIZ app by searching "EZVIZ" in the App Store or Google Play™.
3. Launch the app and register an EZVIZ user account.



**i** If you have already used the app, please make sure that it is the latest version. To find out if an update is available, go to the app store and search for EZVIZ.

# Install Hard Drive

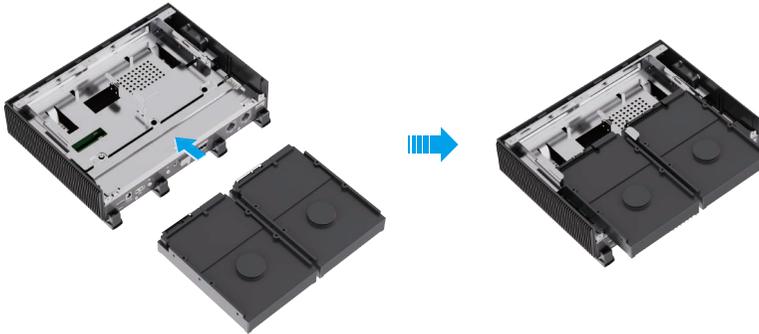
**i** Place the Hub on a stable, flat surface and ensure the Hub is completely disconnected from power.

1. Loosen the 5 screws on the base plate (as shown in the figure) and separate the base plate from Hub.

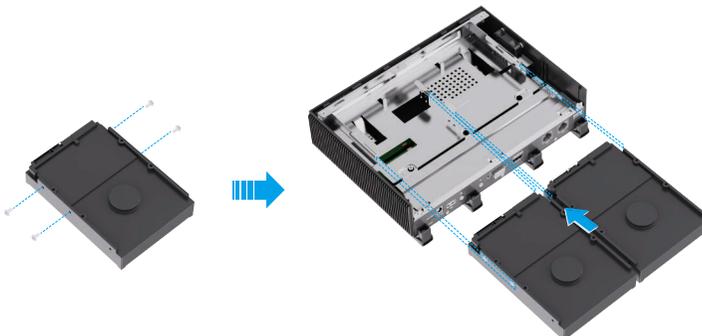


2. Insert a hard drive (purchase separately) into the hard drive slot as shown in the figure (To leave room for cable connections, do not push the hard drive completely into the slot in this step).

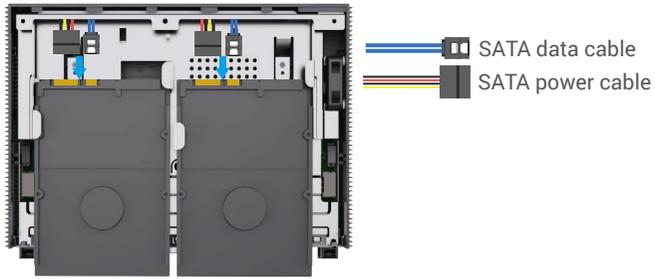
- i** • Different models support different numbers of hard drives: the 16CH model supports up to 2 hard drives and the 8CH model supports 1 hard drive.
- The actual appearance of the hard drive may vary depending on the model you purchase.
- In principle, high-power NAS disks and enterprise disks are not supported.



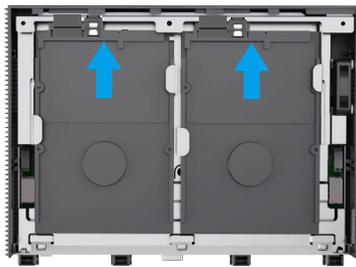
**i** For thinner hard drives, before installation, you can tighten 4 screws (purchase separately) on both sides of the hard drive (as shown in the figure) to adjust its height so that it fits properly into the hard drive slot. Then, slide the hard drive into the slot along the direction indicated in the figure.



3. Insert the SATA data cable into the 7-pin SATA data port on the hard drive, then insert the SATA power cable into the wider 15-pin SATA power port on the hard drive.



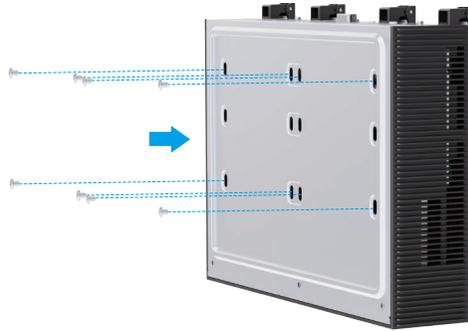
4. Push the hard drive completely into the slot.



5. Reattach the base plate to the Hub.



6. Secure the hard drive to the base plate with screws (included in the package). If the hard drive and base plate holes are misaligned, tilt the Hub vertically with the LED indicators facing down and the base plate toward you to align the holes, then fasten the screws.



**i** For different models and sizes of hard drives, the mounting hole positions vary. It is recommended to refer to the following figure for mounting.



For installing 2.5-inch hard drive



For installing 3.5-inch hard drive

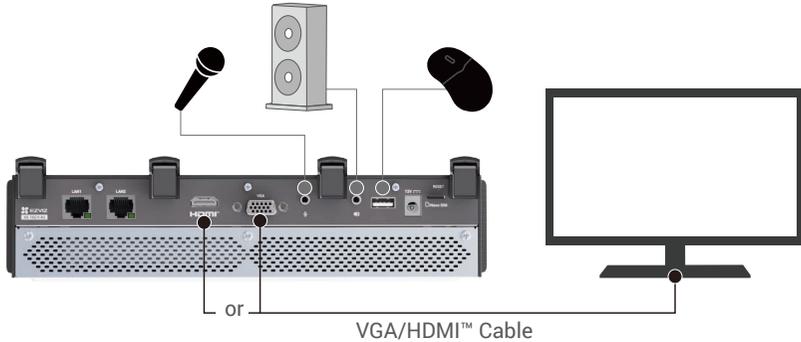
7. Insert and tighten the 5 screws in the figure to fix the base plate.



## System Wiring

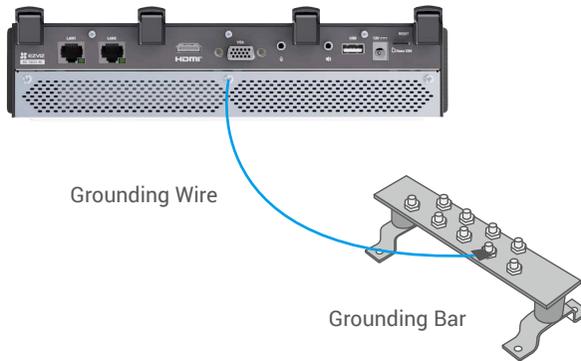
1. Connect the HDMI™ port of Hub to the HDMI™ port of monitor using the HDMI™ Cable (purchase separately). You can also connect Hub to the monitor using VGA cable (purchase separately).
2. Connect the mouse, audio input and output devices (such as microphone and speaker, purchase separately) to the hub.

**i** To avoid electromagnetic interference from the Hub's antenna affecting audio signals, keep microphone, speaker and their cables as far away from the antenna as possible.



## Power on the Hub

1. Connect the grounding screw to the grounding bar through a grounding wire (purchase separately).



2. Connect Hub to power outlet using power cable.

- The Hub will power on automatically once connected to power.
- For disconnection from power supply, unplug the power connector from the device.



3. Follow the wizard on the monitor screen to complete the following operations: Set the system language and time zone, create a login password or gesture pattern and initialize the hard drive.
4. The Hub local page will be displayed after the setup wizard is completed.

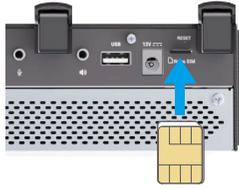


Icon	Description
	Intelligent Search. Enables rapid retrieval of recordings based on intelligent analysis (e.g., pet detection, human shape recognition, vehicle recognition, etc.). You can filter searches by bound device, date or event type.
	Recording. You can review recorded footage and quickly scan summarized events (e.g., pet detection, human shape recognition, vehicle recognition, etc.).
	Live view. View live camera feeds directly on the screen.
	Messages. Displays system alerts and event triggers. You can filter events by bound device, date or event type and view daily report here.
	Settings. View or configure system settings, including camera, storage, and system parameters.
	Shut the Hub down or restart it.  <a href="#">Unplug the adapter from the power outlet if the device will not be used for an extended period.</a>
	Split screen. Toggles between single-channel and multi-channel display layouts for real-time monitoring.
	Tour. Enables automated sequential switching between camera channels for cyclic monitoring.
	Full screen. Toggles the selected camera channel to occupy the entire display area for focused monitoring.
	Lock. Enables manual locking of the current page layout or camera channel to prevent accidental changes during monitoring.

# Connect Hub to Network

## 4G Connection

(For 4G model only) Insert a Nano SIM card into the Nano SIM card slot with the metal side facing up and the notch aligned with the slot, as shown in the figure below.



## Wired Connection

Connect the LAN port of Hub to the router using network cable (purchase separately).



## Wireless Connection

**i** For the first time use, you can follow the wizard on the local page to connect to a Wi-Fi network

Connect the Hub to Wi-Fi on the Hub local page.

1. Go to "Settings -> Network Configuration" and select "Wireless Connection".
2. Enter Wi-Fi password to join the network.



## Add the Hub to EZVIZ

1. Log in to your EZVIZ app account.
2. On the Home screen, tap "+" in the upper-right corner to go to the Scan QR Code page.
3. Scan the QR code on the Quick Start Guide cover or on the body of the Hub.
4. Follow the EZVIZ app wizard to add the Hub to your EZVIZ account.



- i** You can also acquire the QR code on the Hub local page: Settings -> Device Information.

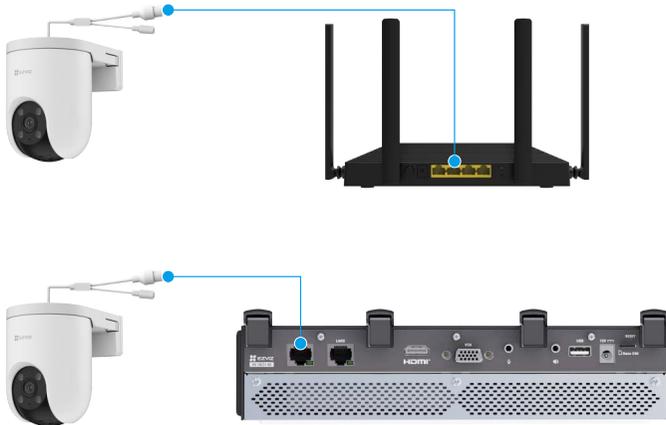
## Bind EZVIZ Device to Hub

You can bind EZVIZ video products (such as network cameras, smart lock and doorbell) to Hub for live video display.

### 1. Preparation

- **Wired Binding:** Connect the network port of EZVIZ camera and the LAN port of the Hub or the same router as the Hub using network cable (purchase separately).

- i** Wired binding only supports EZVIZ device that has a network port. Here we take EZVIZ camera as an example.



- **Wireless Binding:** Power on the EZVIZ device and restore it to factory settings (For details, please refer to the EZVIZ device's user manual).

- i** Ensure the distance between the EZVIZ device and the Hub does not exceed 5 meters.

## 2. Bind EZVIZ Device

### Bind Device via Hub's Local Page

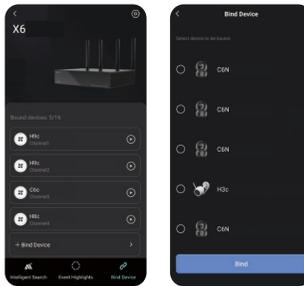
1. Enter the Hub's local page, click , and click "+" on the screen.
2. The Hub will automatically search for nearby EZVIZ devices and display them in the list.
3. Select the target device and click "Bind" on the screen. The device will be automatically bound to the Hub.

 If the device has already been added to the EZVIZ app, please enter the device's verification code to complete binding (For details, please refer to the EZVIZ device's user manual).

### Bind Device via EZVIZ App

 Please ensure that you have added EZVIZ device to your EZVIZ app account.

1. Log in to your EZVIZ app account.
2. Enter the detail page of the Hub, on the Bind Device interface, tap "+ Bind Device". The system will automatically search for EZVIZ devices under your EZVIZ account and display them in the list.
3. Select the target device and tap "Bind" in the app. The device will be automatically bound to the Hub and displayed on the Bind Device page.

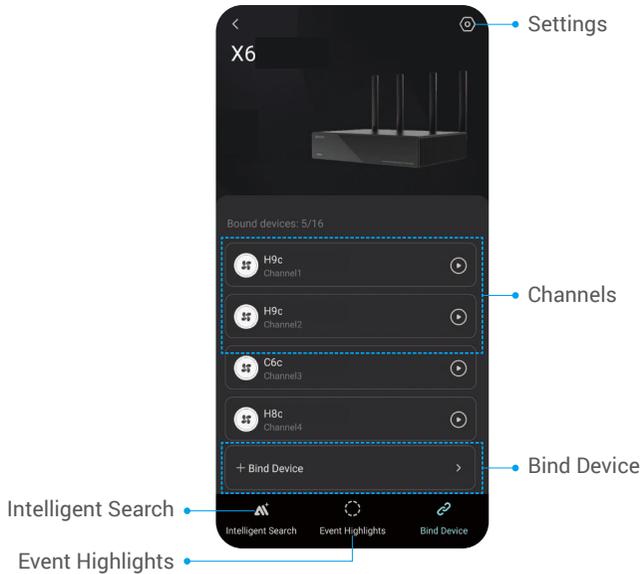


# Operations on the EZVIZ App

**i** The app interface may change due to version update.

## 1. Detail Page

When you launch the EZVIZ app, the Hub's detail page displays as shown below. You can manage the bound devices here as needed.



Name	Description
Settings	Tap the icon to view or change the device settings.
Channels	Displays a list of all connected channels.
Bind Device	Tap to search for and bind device.
Intelligent Search	Enables rapid retrieval of recordings based on intelligent analysis (e.g., pet detection, human shape recognition, vehicle recognition). Users can filter searches by camera, date or event type.
Event Highlights	Display events and their occurrence times in the form of tags. Tap to view the corresponding video footage.

## 2. Settings

In the settings page, you can set the parameters of the device.

Parameter	Description
Name	Modify the name of your device here.
Message Notification	View the device message and EZVIZ app notification.
Record List	Configure recording modes and manage storage media.
Privacy Settings	Enable/disable video encryption and change encryption password here.
Device Information	View device information here, such as serial number, device version and user guide.
More	Enable/disable device authorization.
Restart Device	Restart the device.
Delete Device	Tap to delete the device from EZVIZ app.

 For additional information about the device, please refer to [www.ezviz.com/eu](http://www.ezviz.com/eu).

## Initiatives on the Use of Video Products

Dear Valued EZVIZ Users,

Technology affects every aspect of our life. As a forward-looking tech company, we are increasingly aware of the role technology plays in improving efficiency and quality of our life. At the same time, we are also aware of the potential harm of its improper usage. For example, video products can record real, complete and clear images, therefore they hold great values in representing facts. Nevertheless, improper distribution, use and/or processing of video records may infringe on the privacy, legitimate rights and interests of others.

Committed to innovating technology for the good, we at EZVIZ hereby earnestly advocate that every user shall use video products properly and responsibly, thus to collectively create a positive environment where all related practices and usage comply with applicable laws and regulations, respect individuals' interests and rights, and promote social morality.

Here are EZVIZ's initiatives that we'd appreciate your attention:

1. Each individual possesses a reasonable expectation of privacy, and the use of video products should not be in conflict with such reasonable expectation. Therefore, a warning notice which clarifies the monitoring range should be displayed in a reasonable and effective manner, when installing video products in public areas. For non-public areas, the rights and interests of people involved shall be evaluated thoughtfully, including but not limited to, installing video products only after obtaining the consent of the stakeholders, and not installing highly-invisible video products without other's knowledge.
2. Video products objectively records footage of real activities within specific time and space. Users shall reasonably identify the people and rights involved in this scope in advance, to avoid any infringement of portrait, privacy or other legal rights of others while protecting themselves through video products. Notably, if you choose to enable the audio recording function on your camera, it will capture sounds, including conversations, within the monitoring range. We highly recommend a comprehensive assessment on the potential sound sources in the monitoring range, so as to fully understand the necessity and the reasonableness before you turn on the audio recording function.
3. Video products in use will consistently generate audio or visual data from real scenes –possibly including biometric information such as facial images – based on the user's selection of product features. Such data can be used or processed to use. Video products are only technological tools that do not and cannot humanly practice legal and moral standards to guide lawful and proper use of data. It is the methods and purposes of the people who control and use the generated data that make a difference. Therefore, data controllers shall not only strictly abide by applicable laws and regulations, but also fully respect non-obligatory rules including international conventions, moral standards, cultural norms, public order and local customs. Furthermore, we should always prioritize the protection of privacy and portrait rights, and other reasonable interests.
4. The video data continuously generated by video products carries the rights, values and other demands of various stakeholders. Thus, it is extremely crucial to ensure data security and shield the products from malicious intrusions. Every user and data controller shall, undertake all reasonable and necessary measures to maximize product and data security, avoiding data leakage, improper disclosure or misuse, including but not limited to, setting up access control, selecting a suitable network environment where video products are connected, establishing and constantly optimizing network security.
5. Video products have made great contributions to enhance the safety of our society, and we believe that they will continue to play a positive role in various aspects of our daily life. Any attempt to abuse these products to violate human rights or engage in unlawful activities contradicts the very essence of the value in tech innovation and product development. We encourage every user to establish your own methods and rules to evaluate and monitor the use of video products, so as to ensure that these products are always used properly, thoughtfully and with goodwill.

## Information for Private Households

1. Separate collection of waste equipment: Electrical and electronic equipment that has become waste is referred to as waste equipment. Owners of waste equipment must dispose of it separately from unsorted municipal waste. In particular, waste equipment does not belong in household waste, but in special collection and return systems.
2. Batteries and rechargeable batteries as well as lamps: Owners of waste equipment shall, as a rule, separate waste batteries and rechargeable batteries that are not enclosed in the waste equipment, which can be removed from the waste equipment without being destroyed, from the waste equipment before handing them in at a collection point. This does not apply if waste equipment is prepared for reuse with the participation of a public waste management authority.
3. Options for returning waste equipment: Owners of waste equipment from private households can return it free of charge to the collection points of the public waste management authorities or to the take-back points set up by manufacturers or distributors within the meaning of the Electrical and Electronics Equipment Law. Stores with a sales area of at least 400 m<sup>2</sup> for electrical and electronic equipment and those grocery stores with a total sales area of at least 800 m<sup>2</sup> that offer electrical and electronic equipment several times a year or on a permanent basis and make it available in the market are required to take it back. This also applies in the case of distribution using means of distance communication, if the storage and shipping areas for electrical and electronic equipment are at least 400 m<sup>2</sup> or the total storage and shipping areas are at least 800 m<sup>2</sup>. Distributors shall, in principle, ensure take-back by providing suitable return facilities at a reasonable distance from the respective end user. The possibility of returning waste equipment free of charge exists for distributors who are obliged to take it back, among other things, if a new similar device that essentially fulfills the same functions is delivered to an end user.
4. Privacy Notice: Waste equipment often contains sensitive personal data. This applies in particular to devices of information and telecommunications technology such as computers and smartphones. In your own interest, please note that each end user is responsible for deleting the data on the waste equipment to be disposed of.
5. Meaning of the symbol “crossed-out wheelie bin”: The symbol of a crossed-out wheelie bin regularly depicted on electrical and electronic equipment indicates that the respective device is to be collected separately from unsorted municipal waste at the end of its service life.