Scope of delivery/device parts

1. NFC transponder
2. Battery LED
3. Hard drive LED
4. WiFi LED
5. Internet LED
6. SD card reader
7. LAN socket (RJ45 socket)
8. RESET button
9. USB 3.0 Micro-B connection for charging the internal battery/exchanging data
10. ON/OFF switch
11. USB connection for charging another device (when WiFi hard drive/exchange of data switched off/ when switched on with a WiFi connection)
Contents

Scope of delivery/device parts .................................................3
Package contents ........................................................................6
General information .....................................................................6
  Reading and safekeeping of operating instructions.................6
  Symbols and key words used in these instructions.................7
Intended use ..............................................................................9
Safety information .......................................................................9
  General information ...............................................................9
Declaration of conformity ..........................................................13
Before use ................................................................................14
  System requirements ................................................................14
  File format of the hard drive ..................................................14
  Overview of the LED displays ..............................................15
Connections ...............................................................................16
  USB connection on the right side of the device......................16
  USB 3.0 Micro-B connection ................................................16
  RJ45 LAN socket ..................................................................16
  SD card reader .......................................................................17
  NFC transponder ....................................................................17
Using the device for the first time ...........................................18
  Charging the battery ..............................................................18
  Switching on the device .........................................................19
Operation ..................................................................................19
  Admin access and guest access .........................................20
  Network connection to a notebook/PC ..............................20
  Installing the Smart Storage app on an Android/
iOS smartphone/tablet PC .......................................................... 21
Establishing a network connection to a smartphone or tablet ........................................ 22
**File management via the Android/iOS app** .................. 23
   Home screen for the app ....................................................... 24
   Videos, photos, music and documents ............................. 25
   Files .................................................................................... 26
   Navigation in the app ......................................................... 27
   System ............................................................................... 28
**Web interface on the WiFi hard drive** ................. 31
   Videos, photos, music and documents ............................ 33
   Explorer ............................................................................. 33
**Settings** ............................................................................ 35
   Information .......................................................................... 35
   User .................................................................................... 36
   Network .............................................................................. 36
   Services .............................................................................. 38
   System ................................................................................ 39
   Wizard ................................................................................. 40
**WLAN HDD Tool** ................................................................. 42
**Resetting the device** ...................................................... 43
**Do you need more help?** ................................................ 44
**Cleaning** ........................................................................... 44
**Disposal** ........................................................................... 45
**Technical data** .................................................................... 46
**Glossary** ........................................................................... 47
**Legal notice** ....................................................................... 50
WARNING! Risk of suffocation!
There is a risk of suffocation from plastic packaging.
- Keep plastic packaging out of the reach of children.

After unpacking the product, please ensure that the following parts have been supplied:
- WiFi hard drive
- Mains adapter (KSAS0050500100VKU, manufacturer: Ktec, China) with USB cable
- Operating instructions and warranty documents

General information

Reading and safekeeping of operating instructions

These operating instructions are for this WiFi hard drive. They contain important information about set-up and operation.

Before using the device for the first time, read these operating instructions thoroughly and follow the safety advice! This device may only be used as described in the operating instructions.
Always keep these operating instructions at hand and store them safely so that you can pass them on to the new owner if you sell the device!

Symbols and key words used in these instructions

The following symbols and signal words are used in these operating instructions, on the device or on the packaging.

⚠️ **DANGER!**

This signal word indicates a hazard with a high degree of risk which, if not avoided, will result in death or serious injury.

⚠️ **WARNING!**

This signal word indicates a hazard with a medium level of risk which, if not avoided, could lead to death or serious injury.

⚠️ **CAUTION!**

This signal word indicates a hazard with a low level of risk which, if not avoided, could result in a minor or moderate injury.

⚠️ **NOTICE!**

This signal word warns of possible damage to property or gives useful additional information on assembly or operation.
Heed the advice in the operating instructions

This symbol gives you useful additional information on operation

Recycling symbol

WEEE symbol (in accordance with the directive on electrical waste)

Symbol indicating that batteries must be disposed of separately

Declaration of conformity (see section “Declaration of conformity”): Products that feature this symbol meet the requirements of the EC directives.

DC current
Intended use

This device is a USB hard drive whose data can be made available to other wireless communicating devices via the integrated WLAN access point. In addition, the device has USB connections for transferring data, charging the internal battery and charging another device.

Never use the device for any other purpose.

Only use the device indoors.

This device is only designed for private use and is not suitable for commercial purposes.

Safety information

General information

⚠️ WARNING!

Danger for children and people with reduced ability to operate devices

- This device is not intended for use by people (including children) with reduced physical, sensory or mental abilities or by those without experience and/or knowledge, unless they are supervised by a person responsible for their safety or they have been instructed in its use by that person. Children should
be supervised to ensure they do not play with this device.

- Always adhere to the user instructions of the devices that you connect to the WiFi hard drive.

- Do not place liquid-filled containers, such as vases, on or near the device. The container may tip over and the liquid may impair the electrical safety of the product.

- Keep the device away from moisture and from splashes or sprayed water. Avoid knocks, dust, heat and direct sunlight in order to prevent malfunction. The operating temperature is 5-35° C.

- Never open the housing of the device. This invalidates the warranty and may render the device unusable.

- After transporting the device, wait until it has reached room temperature before switching it on. Major fluctuations in temperature or humidity can lead to condensation which could cause an electrical short-circuit.
− The device is intended to be connected to computers with power supply fuse protection (limited power source according to EN60950).
− Position the cable so that it cannot be stepped on or tripped over.
− Do not place any objects on the cables as they may be damaged.
− To avoid static charges, you should not operate the device in extremely dry conditions.
− In circumstances where there are electrostatic discharges, the device could malfunction. In this case, the device must be reset to the factory settings.

⚠️ WARNING!
Risk due to an improper electrical connection
− Only operate the mains adapter for the WiFi hard drive from an easily accessible and earthed socket with an AC 100-240 V~ 50 Hz power supply.
− Use only the mains adapter supplied (KSAS0050500100VKU, manufacturer:
Ktec, China). Never try to plug the mains adapter into other sockets as this may cause damage.

**Notes on data security**
We do not accept any liability for claims for compensation due to loss of data or any damages that are incurred as a result. Always backup your data onto an external storage device (e.g. CD-R) before updating it.
Declaration of conformity

Medion AG hereby declares that the product MD 92411 conforms to the following European requirements:

• R&TTE Directive 1999/5/EC
• EMC Directive 2014/30/EU
• Low Voltage Directive 2014/35/EU
• RoHS Directive 2011/65/EU

Full declarations of conformity are available at www.medion.com/conformity.
Before use

System requirements

In order to use the WiFi hard drive, the following device configuration is required:

- WiFi standard 802.11b/g/n
- Windows 10/Windows 8/Microsoft Windows® 7, Mac OS 10.6 or newer
  Android 2.2 or newer, iOS 4.0 or newer

File format of the hard drive

The WiFi hard drive is formatted using the NTFS file system on delivery.

- You can also format the hard drive via your PC in FAT32 or exFAT format.
### Overview of the LED displays

<table>
<thead>
<tr>
<th>LED</th>
<th>Colour</th>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery LED</td>
<td>Green</td>
<td>Lit</td>
<td>Battery is charged</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Flashing</td>
<td>Battery charging</td>
</tr>
<tr>
<td></td>
<td>Red</td>
<td>Lit</td>
<td>Battery needs charging</td>
</tr>
<tr>
<td>Hard drive LED</td>
<td>White</td>
<td>Lights up</td>
<td>Hard drive is ready (connected via a USB2 connection)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Flashes</td>
<td>Hard drive activity</td>
</tr>
<tr>
<td></td>
<td>Blue</td>
<td></td>
<td>Hard drive is ready (connected via a USB3 connection)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Hard drive activity</td>
</tr>
<tr>
<td>WLAN LED</td>
<td>Blue</td>
<td>Lights up</td>
<td>The WLAN access point is ready.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Flashes</td>
<td>The WLAN access point is starting</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Off</td>
<td>The WLAN access point is switched off</td>
</tr>
<tr>
<td>Internet LED</td>
<td>Green</td>
<td>Lights up</td>
<td>Internet connection</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Off</td>
<td>No Internet connection</td>
</tr>
</tbody>
</table>
Connections

USB connection on the right side of the device

If the device is switched off, you can charge batteries in other devices such as e.g. smartphones via the USB connection on the side of the device.

Push the Power button to charge the device.

If the device is in WiFi mode, this USB connection can be used to transfer data between a USB stick and the hard drive.

USB 3.0 Micro-B connection

The USB 3.0 Micro-B connection is used for charging the internal battery. When the device is switched off, you can use this connection to access the hard drive from a PC.

RJ45 LAN socket

The WiFi hard drive can be directly connected to a router via the RJ45 LAN socket.

Devices that log into the access point on the WiFi hard drive can thus wirelessly access the Internet access provided by the router.

In this case, the Internet access settings need to be set to "cable connection" (see “Internet settings” on page 28 or “WiFi & LAN” on page 36).
SD card reader

You can use the SD card reader to connect SD cards (up to 64 GB SDHC) to the WiFi hard drive.

One Touch Copy function

You can directly copy data from an SD card onto the hard drive at the touch of a button. The data is saved in the "SD-BACKUP" directory.

1. Switch the WiFi hard drive on.
2. Insert an SD card into the SD card reader on the WiFi hard drive.
3. Press the POWER button twice in succession.

The hard drive LED and the WiFi LED will flash quickly. All of the data on the SD card will now be copied to the WiFi hard drive. Once the copying process has been completed, both of the LEDs will be permanently lit again.

NFC transponder

This function is only available for Android devices. iOS devices do not generally have any NFC transponders.

The NFC (Near Field Communication) function enables the wireless configuration of the WiFi connection between an NFC-enabled smart device and the WiFi hard drive.

1. Switch on the WiFi hard drive by holding down the ON/OFF switch until the battery LED lights up (see “Switching on the device” on page 19).
2. Switch on the NFC function on your smart device.
Using the device for the first time

3. Hold your NFC-enabled smartphone over the area marked 1.

4. The smartphone will now automatically establish a WiFi connection to the WiFi hard drive. The WiFi LED flashes while the connection is being established.

The pairing process for both devices is complete when the WiFi LED is permanently lit. The **Smart Storage** app will automatically open on the smart device.

It is firstly necessary to install the app on your smart device as described under “File management via the Android/iOS app” on page 23.

Using the device for the first time

Charging the battery

The WiFi hard drive has an integrated battery.

You can charge the battery either using the supplied USB mains adapter or via a USB connection on your PC or another device with a USB connection.

- Connect the USB cable to the USB 3.0 Micro-B connection on the WiFi hard drive.
- Connect the other end of the cable to the USB mains adapter and plug it into the mains socket.
- Alternatively, connect the USB cable to the USB connection on your PC or another device which delivers 5 V output voltage at its USB connection.

If charging the WiFi hard drive via a PC, the WiFi hard drive must be switched on and set to WiFi mode.
Charge status LEDs

- The battery LED flashes continuously during the charging process.
- When the battery is fully charged, the battery LED will be permanently lit.

Switching on the device

- In order to switch the WiFi hard drive on, hold down the ON/OFF switch (for at least 5 seconds) until the battery LED is lit.
- The battery LED will flash while the system is starting up.
- Afterwards, the Battery LED will be permanently lit. The WiFi hard drive is now ready to use.

Switching off the device

- Hold down the ON/OFF switch for about 5 seconds to switch off the WiFi hard drive.

All LEDs will switch off.

Operation

The WiFi hard drive is configured as a wireless access point (AP). Other wireless communication devices (clients) such as tablet PCs, smartphones or notebooks can log into the access point and thus access the data on the hard drive via the WiFi connection.

When using the device as an access point for the first time, place the client as near as possible to the WiFi hard drive. Following a successful installation, the hard drive can be set up in any position within range.
**Admin access and guest access**

Admin access enables you to change all of the system settings and provides you with access to all directories and connected data media.

You can set up guest access via the admin access. Users who are logged in as a guest only have read and write access to files and folders in the "SHARE" directory on the WiFi hard drive. In addition, guests can only change the cache and the language in the system settings and are only able to view information on the firmware.

In order to activate guest access, move the "Guest" setting in the system settings to the right while logged in with admin access.

**Network connection to a notebook/PC**

- Switch the WiFi hard drive on.
- Search for the "**WLAN-HDD XXXX**" network in the list of available wireless networks on your notebook/PC and connect the device to this network.

Example connection via Windows

- When prompted, enter the network password (**Password**) given on the type plate on the rear of the WiFi hard drive.
The WLAN client will now connect to the WiFi hard drive. You can now use the file manager function via the web interface, as described under “Web interface on the WiFi hard drive” on page 31.

Installing the Smart Storage app on an Android/iOS smartphone/tablet PC

In order to be able to use the main menu functions and access files on the WiFi hard drive from a tablet PC or smartphone, you firstly need to install the relevant app for your tablet PC/smartphone that is available via the Playstore or AppStore.

- Call up the following site using the web browser on your smartphone/tablet PC:
  "http://www.medion.com/wlanhddtool/".
- Download the relevant app from the website.

Once you have installed the app, you need to activate the WLAN functionality on your smartphone/tablet and connect the device to the "WLAN-HDD-XXXX" network.

Scan the adjacent QR code to be directed to the download page for the iOS app on the AppStore.

Scan the adjacent QR code to be directed to the download page for the Android app on Google Play.
Establishing a network connection to a smartphone or tablet

You can also establish a WiFi connection to an NFC-enabled smartphone or tablet by holding the NFC-enabled device over the NFC transponder on the WiFi hard drive (see “NFC transponder” on page 17).

Connecting via the WiFi settings

- Switch the WiFi hard drive on.
- Activate the WiFi functionality on your smartphone/tablet and connect your device to the "WLAN-HDD-XXXX" network.
- When prompted, enter the network password (Password) given on the type plate on the rear of the WiFi hard drive.
- The WLAN client will now connect to the WiFi hard drive.

In order to be able to use the file manager function on your smartphone/tablet PC, install the relevant app for your Android/iOS device as described under “Installing the Smart Storage app on an Android/iOS smartphone/tablet PC” on page 21.
File management via the Android/iOS app

Once you have opened the app on your smartphone/tablet PC, you firstly need to log into the WiFi hard drive.

To do this, use the admin password provided on the rear of the WiFi hard drive (the field Password remains blank).

Change the admin password after logging in to protect the hard drive against unauthorised access! (see “System Settings” on page 29)

After successfully logging into the WiFi hard drive via the app, the home screen for the app will be displayed.
File management via the Android/iOS app

**Home screen for the app**

The home screen enables you to directly search for videos, photos, music and documents on the WiFi hard drive. The option "Files" allows you to access all of the files saved on the WiFi Hard drive.

In addition, you can call up the following information or the following functions via the icons:

1. Connection status of the app (blue: connected)
2. Battery status of the WiFi hard drive
3. Backup function for safeguarding data or contacts from the smartphone on the WiFi hard drive
4. Eject the SD card
5. Connection status of the WiFi hard drive (blue: connected / grey: not connected)
Files management via the Android/iOS app

Videos, photos, music and documents

The Videos, Photos, Music and Documents options allow you to directly access the relevant folders in the "Share" directory.

- Tap on the file entry in the relevant folder to open/play the file.
- Click on the icon to stream videos, photos and music via a DLNA output device or via Chromecast.
- Tap on the icon to mark the file as a Favorite. You can call up files marked as favourites under My Favorite.
### Files

You have access to all files and directories on the WiFi hard drive and connected data media via the **Files** option. In addition, you can manage your files here:

- Tap on the file entry in the relevant folder to open/play the file.
- Select a file that you want to edit by placing a tick in the field on the right of the file name.

The **Medion** WiFi hard drive and **Local** symbols on the lower edge of the display enable you to switch between files on the WiFi hard drive and those on your smart device.

In addition, you can also carry out the following functions:

- Share files directly via **Facebook** (available if the corresponding app is installed), send **Photo Album** (only available for photos), photos, music and documents via **E-mail**. Set a photo as a **Favorite**.
Manage your files and carry out the following functions:

- **Select All/Deselect All**
- **Create Folder**
- **Copy**
- **Cut**
- **Paste**
- **Rename**
- **Delete**

Show transmission status

**Navigation in the app**

- **Back one step**
- **Call up home screen**
- **Change/sort view**
- **File search**
System

You open the system settings via the System option.

Medion Configuration Settings

WiFi settings
You can set the SSID, Channel, WiFi Mode and Security (encryption) for the WiFi hard drive here.

LAN setting
You can view the MAC Address for the WiFi hard drive here, as well as manually edit the IP Address and the Subnet Mask.

Internet settings
In order for the WiFi hard drive to provide logged-in smart devices with access to the Internet, it is firstly necessary to connect it to the home network.

- Firstly select under Internet Access whether the connection to the Internet should be wireless or via the LAN socket. If there is no LAN connection, this function is not available.

In the case of a WiFi connection, the available local access points will be displayed.

- Select the network to which the WiFi hard drive should be connected for Internet access and then enter the network password if required.
You can also manually enter a network if it is a hidden network or if the network is not available at that moment in time. In this case, select the option **Join Other Network**.

**System Settings**

- Under **User**, you can enter the password for admin access (**Admin**) and guest access (**Guest**).

- Under **Host name**, you can enter the device name under which the WiFi hard drive will be displayed on the network.

- Under **Disk Information**, you can see the storage allocation on the WiFi hard drive and the connected data media.

- Under **Firmware Upgrade**, you can download (Internet connection required) and install a more up-to-date firmware if available.

**Activating/deactivating guest access**

- Slide the **Guest** switch to the right to activate guest access.

**Cache**

You can define the size of the cache on the hard drive that is used for storing files here.
File management via the Android/iOS app

**Language**

Enter the language in which the app should be displayed here.

**About**

You can find out the current firmware version here.

**Logout**

Select this option to log out of the WiFi hard drive and log in again under a different user name.
Web interface on the WiFi hard drive

In order to edit the system settings on the WiFi hard drive and access the content on the attached data storage devices, call up the web interface via the web browser on your notebook/PC/mobile device.

- Enter here the IP address given on the type plate on the rear of the WiFi hard drive in the address field of your web browser on the notebook/PC.

You can also open the web interface on a Windows PC or Mac using the finder tool (see “Installing the Smart Storage app on an Android/iOS smartphone/tablet PC” on page 21).

You will be prompted to enter the password for the web interface.

- When logging in for the first time, enter the login data given on the type plate on the rear of the WiFi hard drive. (Factory setting User: admin, Password: [no password]).
Setting the language for the web interface

You can also set the language for the web interface in the password query window.

Enter a password for the administrator access after logging in for the first time to protect your data (see "User" on page 38).

After you have successfully logged into the web interface, the main page will be displayed:
Videos, photos, music and documents

The Video, Photo, Music and Documents options allow you to directly access the relevant folders in the "Share" directory.

- Click on the file entry in the relevant folder to open/play the file.
- Click on the icon to stream videos, photos and music via a DLNA output device.

Explorer

You have access to all files and directories on the WiFi hard drive and connected data media via the Explorer option. In addition, you can manage your files here.

- Click on the file entry in the relevant folder to open/play the file.
- Select a file that you want to edit by placing a tick in the field to the right of the file name.

File upload

The symbol opens a window for selecting files that you want to upload from the computer into the current directory on the WiFi hard drive or files that you want to download from the WiFi hard drive to the computer.
Web interface on the WiFi hard drive

**Editing files**

The symbol calls up the following functions for managing your files:

- **Refresh**
- **Create Folder**
- **Copy**
- **Cut**
- **Paste**
- **Rename**
- **Delete**
Settings

The **Settings** page provides you with access to the various submenus in which you can change the settings and also start the **Wizard**.

Information

Device

You can find information on the host name, serial number and manufacturer information about the WiFi hard drive here.

Storage

You can see the storage allocation on the WiFi hard drive here and all of the connected data media.
Settings

User

Enter the password for admin access (Admin) and guest access (Guest) here.

Network

You can enter the settings for the network connection of the WiFi hard drive and set up the Internet connection here.

Host Name

Enter the device name here under which the WiFi hard drive will be displayed on the network.

WiFi & LAN

You can enter all of the settings for the network connection of the WiFi hard drive here.

DHCP Server

Here you can switch the DHCP server for the WiFi hard drive on or off.
• Set the DHCP server to **ON** in order to operate the WiFi hard drive as an access point that allocates active IP addresses to clients that connect with the DHCP server.

• Set the DHCP server to **OFF** in order to manually allocate the IP addresses to the clients. The IP address must be within the address range that you can define for the active DHCP server (see next section).

**DHCP server activated:**

− In the event of an active DHCP server, you can view the devices currently connected to the WiFi hard drive via the option **Client-List**.

− You can set the IP address range within which the DHCP server allocates IP addresses to clients under **Start Address** and **End Address**.

− Enter the IP address under which the access point for the WiFi hard drive is to be accessible under **Gateway**.

> The IP address for the gateway must be outside of the IP address range for the DHCP server.

**Internet**

In order for the WiFi hard drive to provide logged-in smart devices with access to the Internet, it is firstly necessary to connect it to the home network.

− Firstly select under **Internet** whether the connection to the Internet should be wireless or via the LAN socket. If there is no LAN connection, this function is not available.
Settings

In the case of a WiFi connection, the available local access points will be displayed. Otherwise, click on **Scan** to start the search for available WiFi access points.

- Select the network with which the WiFi hard drive should be connected for Internet access and then enter the network password if required.

  ![Info icon]

  You can also manually enter a network if it is a hidden network or if the network is not available at that moment in time. In this case, select the option **Manual**.

Services

You can activate or deactivate the Samba and DLNA services for the WiFi hard drive here (on delivery: Samba and DLNA services activated).

- When Samba has been activated, Windows clients can display the files on those devices connected to the WiFi hard drive in Windows Explorer. When Samba has been deactivated, the files can only be displayed and managed via the apps or the web interface.

- If the DLNA function has been activated, media content can be streamed to DLNA-capable devices on the home network and is visible and accessible to these devices.
System

Time Settings
You can enter the date and time here, as well as the time zone. In addition, you can select whether the time setting is automatically configured from a time server via the Internet or whether the current time on the PC is used for setting the time and date.

Firmware Upgrade
If you have received a firmware update, you can install the update using this menu option.

Reset Settings
Set this menu option to ON to reset the device to the factory settings.
Wizard

The wizard enables you to set all of the basic settings for the WiFi hard drive step by step.

- Follow each step of the instructions and then click on **Next** each time to move to the next setting.

The WiFi hard drive will restart after the settings have been completed.

**Step 1 - Start the wizard**

**Step 2 - Set up the Internet connection**
Step 3 - Set up the WiFi connection

Step 4 - Define the user passwords

Step 5 - End the wizard and restart the system
WLAN HDD Tool

- You can download the WLAN HDD Tool from the website "http://www.medion.com/wlanhddtool/". This finder tool can be used to look for the WiFi hard drive on the network and to directly open the web interface in your browser.

- Double click on the file **WLAN HDD TOOL.exe** to start the finder tool.

> The WiFi hard drive can only be found when a connection to the **WLAN HDD XXXX** network exists.

- The finder tool will now search for the WiFi hard drive. If the WiFi hard drive cannot be found, place it nearer to the PC and then click on **Refresh** to start a new search.

- When the finder tool has found the WiFi hard drive, click on **Log In** to directly go to the web interface. The browser on your Windows PC will open and the **Settings** page will be displayed.

- In order to display the WiFi hard drive directly in Windows Explorer, click on **My Storage**.
The files on the data storage device connected to the WiFi hard drive can only be displayed in Windows Explorer if the Samba server on the WiFi hard drive has been activated (See "Services" on page 49).

- If you do not want to use the finder tool, open your web browser and enter "http://10.10.10.254" in the address line.

**Resetting the device**

- The **RESET** button on the side of the WiFi hard drive can be used to reset the WiFi hard drive in the event that the system no longer responds or you have lost your administrator password.
- Press the **RESET** button with a pointed object (such as a paper clip) and hold down the button for approx. 5 seconds.
- The WiFi hard drive will now start with the original factory settings.
Do you need more help?

If the suggestions in the previous section did not solve your problem, please contact us. To make it easier for us to help you, please have the following information to hand:

- What external devices are connected?
- When operating the product, at which step did the problem occur?
- What steps have you already taken to try and rectify the problem?
- Please provide your customer number if you have one.

Cleaning

Follow the instructions below to increase the service life of the product:

- Always unplug the mains adapter and disconnect all the cables before cleaning the product.
- Do not use solvents, corrosive or gaseous cleaning agents.
- Clean the device with a soft, lint-free cloth.

Store the packaging material in a safe place; only use this box to transport the device.
Disposal

Disposal of packaging
Sort packaging before disposal. Dispose of card and cardboard with waste paper and dispose of film with recyclable materials.

Device
Old devices should not be disposed of with the normal household rubbish.

The device is fitted with an integrated battery. At the end of its operating life, do not dispose of the device with your ordinary household rubbish. Consult your local authority to find out about collection centres for environmentally sound disposal of electrical and electronic scrap.

In accordance with Directive 2012/19/EU, the device must be properly disposed of at the end of its service life.

This involves separating the materials in the device for the purpose of recycling and avoiding any impact on the environment.

Take old devices to a collection point for electrical scrap or a recycling center.

Contact your local waste disposal company or your local authority for more information on this subject.
Technical data

**General**
- Total weight (approx.): 280 g
- Operating temperature: 5°C to 35°C
- Humidity during operation: 5% to 65%
- Dimensions: approx. 85 x 25 x 130 mm

**Internal battery**
- Capacity: 3300 mAh

**WiFi hard drive**
- Storage capacity: 1000 GB
- WLAN standard: 802.11 b/g/n

**Mains adapter**
- Model: KSAS0050500100VKU
- Manufacturer: Ktec, China
- Input voltage: 100 – 240 V ~ 50/60 Hz 0.18 A
- Output voltage: 5.0 V = 1000 mA
- Connections: LAN (100 Mbit/s), USB 2.0, microUSB 3.0, SD card reader

Subject to technical and optical changes as well as printing errors.

1 1 GB corresponds to 1 billion bytes. The actual storage capacity can vary.
Access Point (AP), Wireless AP
Also known as a base station, this is an electronic device that functions as an interface for wireless communications devices. End devices make a radio connection to the wireless access point via a wireless adapter. The access point can also be connected by cable to a permanently installed communications network.

Operating system
Software with which the user and the other software installed on the system can communicate with the computer hardware and the hard drive.

BSSID (MAC)
The basic service set identification (BSSID) corresponds to the MAC address of the wireless access point.

Client Mode
Client mode is an operating mode of a wireless access point (here: the WiFi hard drive) in which the device behaves like a wireless adapter towards the higher level AP. Via an AP operated in client mode, individual computers can be connected to a higher level network without their own wireless adapter.

DHCP – Dynamic Host Configuration Protocol
A protocol to assign an IP address to devices in the network. Dynamic addresses allow a device to have a different IP address each time it connects to a network. In some systems, the IP address changes automatically while the device is connected. DHCP also supports a combination of static and dynamic IP addresses. See also Protocol.
Glossary

DNS – Domain Name Service
A system used by a network name server to translate text host names into numerical IP addresses in order to uniquely identify a device connected to the internet.

ESSID
By providing different network call signs, it is possible to operate various wireless LANs at the same location. The SSID is set at the base station. To connect several base stations to the same network, they need to be set to the same SSID; this is then known as an ESSID (extended SSID).

Gateway
The standard gateway is provided by the computer/router in the network in which all queries are made which have no address in the local network (queries in the Internet). It forwards these queries to a computer/router that may be able to answer these queries. Normally, you enter the IP address of your home router (DSL router) as the standard gateway.

IP address
A binary 32-bit number that uniquely identifies any computer connected to the internet.

LAN – Local Area Network
A system in which computer users are connected within a company or an organisation and are often also connected to central data collections stored on LAN servers.

MAC Address
The MAC address (media access control address) is the hardware address of every individual network adapter. It serves as a unique identifier for the device in a computer network.

Network key
The network key that is used for authentication on a WEP/WPA2 encrypted network.

SSID

By providing different network call signs, it is possible to operate various wireless LANs at the same location. The SSID is set at the base station. To connect several base stations to the same network, they need to be set to the same SSID; this is then known as an ESSID (extended SSID).

Subnet mask

A subnet is a subordinate part of a network. It collates several consecutive IP addresses by means of a subnet mask.
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