

Technaxx TX-51 (Model 4564)

Technaxx Midi Security Kit PRO FullHD 1080P TX-51 Instruction Manual

Model: TX-51 (Model 4564)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Technaxx Midi Security Kit PRO FullHD 1080P TX-51. This comprehensive surveillance system includes a 4-channel receiver and two 1080p HD-CVI cameras designed for both indoor and outdoor use. Please read this manual thoroughly before operating the device to ensure proper functionality and safety.



Image 1.1: Overview of the Technaxx Midi Security Kit PRO system, featuring the central receiver unit, a bullet-style camera, and a dome-style camera, illustrating typical indoor and outdoor installation scenarios.

2. PACKAGE CONTENTS

Carefully unpack the box and ensure all items listed below are present and in good condition. If any items are missing or damaged, please contact your retailer.

- 1x Technaxx Midi Security Kit PRO Receiver (DVR)
- 1x Technaxx FullHD 1080P Bullet Camera
- 1x Technaxx FullHD 1080P Dome Camera
- 2x Camera Power Adapters
- 1x Receiver Power Adapter
- 2x Video Cables (BNC)
- 1x USB Mouse
- Mounting Hardware (screws, wall plugs)
- This User Manual



Image 2.1: The retail packaging for the Technaxx Midi Security Kit PRO, displaying the included receiver and two camera types.

3. PRODUCT OVERVIEW

3.1 Receiver (DVR)

The receiver is the central unit for recording, managing, and viewing footage from your security cameras. It features multiple input/output ports for connectivity.



Image 3.1.1: Front view of the Technaxx receiver unit, showing its compact, white design.

Receiver Rear Panel Connections:

- **DC IN:** Power input for the receiver.
- **VGA Port:** Connect to a monitor for video output.
- **HDMI Port:** Connect to an HD monitor or TV for video and audio output.
- **USB Ports (x2):** For connecting a USB mouse, external storage, or for firmware updates.
- **LAN (Ethernet) Port:** Connect to your network router for remote access and internet features.
- **VIDEO IN (BNC x4):** Connect the BNC cables from your cameras. This model supports up to 4 cameras.



Image 3.1.2: Receiver rear panel with DC power, VGA, HDMI, and USB ports.



Image 3.1.3: Receiver rear panel with Ethernet and USB ports.



Image 3.1.4: Receiver rear panel with four BNC video input ports.

3.2 Cameras

The kit includes two types of 1080p FullHD cameras: a bullet camera and a dome camera. Both are designed for high-definition surveillance and are water-resistant for outdoor use.

Bullet Camera:

The bullet camera is typically used for directional surveillance and is suitable for outdoor mounting due to its robust, water-resistant design.



Image 3.2.1: Technaxx bullet camera, showing its design and mounting base.



Image 3.2.2: Detailed view of the bullet camera lens, highlighting the infrared LEDs for night vision.

Dome Camera:

The dome camera offers a discreet design and is often used for wider area coverage, suitable for both indoor and outdoor environments.



Image 3.2.3: Technaxx dome camera, showcasing its compact, hemispherical design.



Image 3.2.4: Detailed view of the dome camera lens, including its infrared emitters and sensor.

4. SETUP

4.1 Camera Installation

1. **Choose Location:** Select appropriate locations for your cameras. The bullet camera is ideal for outdoor perimeter surveillance, while the dome camera can be used indoors or outdoors for broader coverage. Ensure the chosen location provides a clear field of view and is within reach of power outlets and video cable length.
2. **Mount Cameras:** Use the provided mounting hardware to securely attach the cameras to a wall or ceiling. Drill pilot holes if necessary. Adjust the camera angle for optimal viewing.
3. **Connect Power:** Connect each camera to its respective power adapter and plug the adapter into a power outlet.



Image 4.1.1: Example of a bullet camera installed on an exterior wall for outdoor surveillance.

4.2 Receiver Connection

1. **Connect Cameras to Receiver:** Connect the BNC video cables from each camera to the 'VIDEO IN' ports on the rear of the receiver.
2. **Connect Monitor:** Connect a monitor to the receiver using either an HDMI or VGA cable. HDMI is recommended for optimal video quality.
3. **Connect USB Mouse:** Plug the included USB mouse into one of the USB ports on the receiver for navigation.
4. **Network Connection (Optional):** For remote viewing and network features, connect an Ethernet cable from the receiver's LAN port to your internet router.
5. **Power On:** Connect the receiver's power adapter to the 'DC IN' port and then plug it into a power outlet. The system will power on automatically.

4.3 Initial Configuration

Upon first boot, the system will guide you through an initial setup wizard. Follow the on-screen prompts to:

- Set language and time zone.
- Create an administrator password.
- Configure network settings (if connected via Ethernet).
- Format the internal storage (if a hard drive is installed).

5. OPERATING

5.1 Live View

After initial setup, the system will display the live feed from all connected cameras on your monitor. You can switch between single-camera view and multi-camera grid view using the on-screen controls or the USB mouse.

5.2 Recording

The system supports continuous recording by default. You can configure various recording settings via the main menu:

- **Recording Schedule:** Set specific times for recording.
- **Motion Detection:** Configure cameras to record only when motion is detected in their field of view. Adjust sensitivity and detection zones.
- **Alarm Recording:** Trigger recording based on external alarm inputs (if connected).

5.3 Playback

To review recorded footage:

1. Access the 'Playback' menu from the main interface.
2. Select the desired date and time.
3. Choose the camera channel you wish to view.
4. Use the playback controls (play, pause, fast forward, rewind) to navigate through the footage.

5.4 Remote Access (P2P)

If the receiver is connected to your network, you can access live view and playback remotely using a compatible mobile application. Refer to the on-screen menu for QR codes or instructions to download and configure the app. Ensure your router's network settings allow for P2P connections if necessary.

6. MAINTENANCE

- **Cleaning Cameras:** Periodically clean the camera lenses with a soft, damp cloth to ensure clear image quality. Avoid abrasive cleaners.
- **Checking Connections:** Regularly inspect all cable connections (power, video, network) to ensure they are secure and free from damage.
- **Firmware Updates:** Check the Technaxx website for any available firmware updates for your receiver. Updates can improve performance and add new features. Follow the instructions provided with the update carefully.
- **Storage Management:** The system supports up to 4TB of storage. Ensure there is sufficient space for recordings. Older footage may be overwritten automatically based on your settings. Consider backing up important footage to an external USB drive.

7. TROUBLESHOOTING

7.1 No Video Signal on Monitor

- Ensure the monitor is powered on and set to the correct input source (HDMI/VGA).
- Check the HDMI/VGA cable connection between the receiver and the monitor.
- Verify the receiver is powered on (check power adapter and power outlet).

7.2 No Camera Image

- Check if the camera's power adapter is properly connected and receiving power.
- Ensure the BNC video cable from the camera is securely connected to the correct 'VIDEO IN' port on the receiver.
- Test the camera with a different video input port on the receiver, if available.

7.3 Cannot Access Remotely

- Verify the receiver's LAN port is connected to your router with an active Ethernet cable.
- Check the network settings on the receiver to ensure it has a valid IP address.
- Ensure your mobile device has an active internet connection.
- Confirm the remote access application is correctly configured with the receiver's details.

7.4 Recording Issues

- Check if a hard drive is installed and properly formatted within the receiver.
- Verify the recording schedule and motion detection settings are correctly configured.
- Ensure there is sufficient storage space available on the hard drive.

8. SPECIFICATIONS

Feature	Specification
Brand	Technaxx
Model Number	4564 (TX-51)
Connection Technology	Wired
Video Recording Resolution	1080p (FullHD)
Special Features	Water-resistant cameras
Number of Channels	4
Memory Storage Capacity	4 TB (Maximum supported, HDD not included)
Color	White
Power Source	AC Power Adapter (Wired)
Item Dimensions (L x W x H)	27 x 20.5 x 4.1 cm (Receiver)
Compatible Devices	Cameras
Recording Mode	Continuous
Total USB Ports	2
Hardware Interface	USB 2.0
Optical Sensor Technology	CMOS
Item Weight	1250 Grams (Receiver)

GTIN

04260358121321

9. SAFETY INFORMATION

- Do not expose the receiver to rain or moisture.
- Ensure proper ventilation for the receiver to prevent overheating.
- Use only the provided power adapters.
- Avoid placing the cameras in direct sunlight for extended periods, as this may affect image quality and lifespan.
- Do not attempt to disassemble or repair the device yourself. Refer all servicing to qualified personnel.
- Keep out of reach of children.

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Technaxx website. You may also contact your point of purchase for assistance.