Technaxx® * User Manual

Easy Security Camera Set TX–28

Important Hint regarding the User Manuals:
All languages of the user manual you find on the CD enclosed.
Before using the device the first time, read the user manual carefully.

The manufacturer Technaxx Deutschland GmbH & Co.KG hereby declares that this device, to which this user manual belongs, complies with the essential requirements of the standards referred to the Directive **RED 2014/53/EU**. The Declaration of Conformity you find here: **www.technaxx.de/** (in bar at the bottom "Konformitätserklärung"). Before using the device the first time, read the user manual carefully.

Service phone No. for technical support: 01805 012643 (14 cent/minute from German fixed-line and 42 cent/minute from mobile networks).
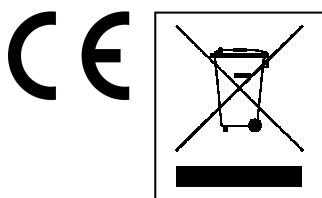Free Email: **support@technaxx.de**

Keep this user manual for future reference or product sharing carefully. Do the same with the original accessories for this product. In case of warranty, please contact the dealer or the store where you bought this product. **Warranty 2 years**

This device has a rechargeable battery. It must be fully charged before first use. NOTE: Charge the battery of the device every 2–3 month if it is not used!

If you drill a hole in the wall, please make sure that power cables, electrical cords and/or pipelines are not damaged. When using the supplied mounting material, we do not take the liability for a professional installation. You are entirely responsible to ensure that the mounting material is suitable for the particular masonry, and that the installation is done properly. When working at higher altitudes, there is danger of falling! Therefore, use suitable safeguards.

Hints for Environment Protection: Packages materials are raw materials and can be recycled. Do not disposal old devices or batteries into the domestic waste. **Cleaning:** Protect the device from contamination and pollution (use a clean drapery). Avoid using rough, coarse-grained materials or solvents/aggressive cleaner. Wipe the cleaned device accurately. **Distributor:** Technaxx Deutschland GmbH & Co.KG, Kruppstr. 105, 60388 Frankfurt a.M., Germany

Features

- Digital wireless interference-free waterproof (IP65) camera set
- 100% Privacy & SD Recording
- Has 4 channels, can support 4 cameras on one monitor (means simultaneous display of 4 cameras on one monitor is possible)
- Transmission range ≥ 200m in open range
- Infrared night vision
- High sensitivity microphone
- Supports MicroSD cards up to 32GB
- Record function with different recording modes (manual, time-scheduled, motion-activated)
- Motion Detection: Detect the moment to auto record
- Mobile displayable on: iPhone / Android
- Anytime sharp picture and good sound quality
- Easy installation, Plug & Play

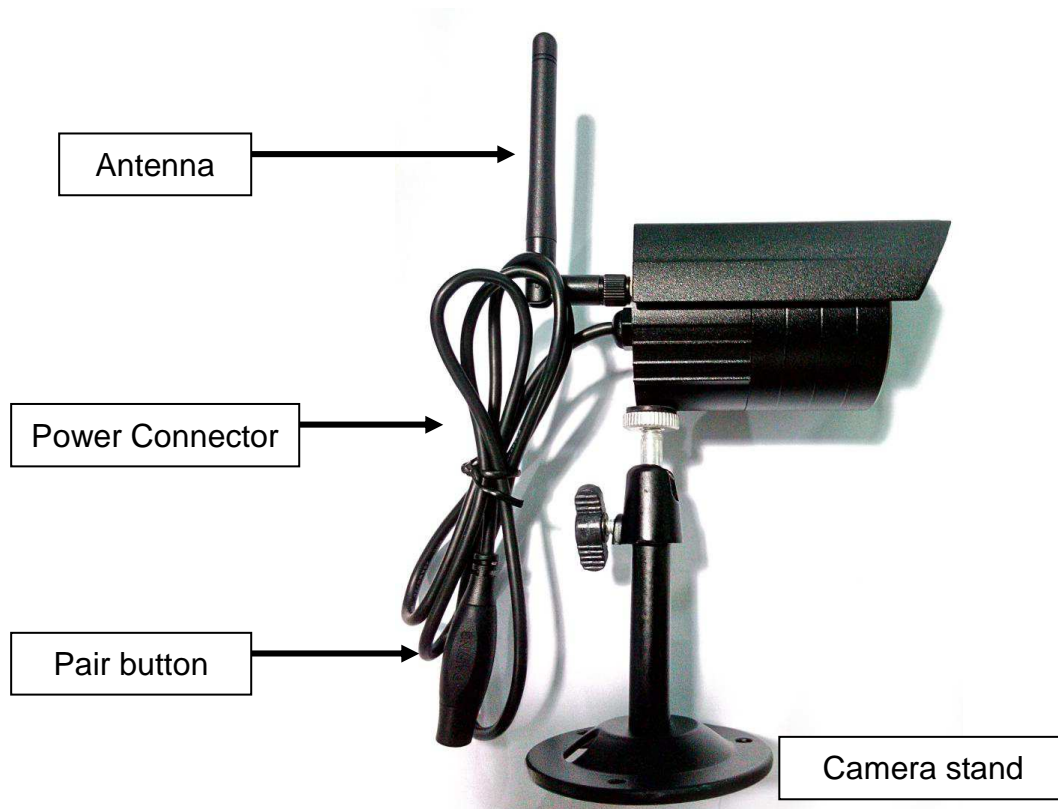## 1. Front of the wireless receiver with 7" display

2. Side of the wireless receiver (Descriptions from up to down)

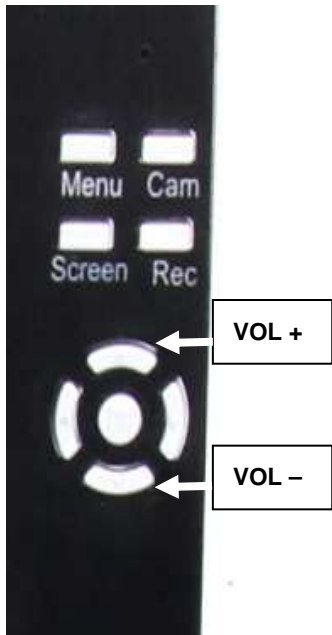|	
	Wireless monitor **OFF / ON switch** (= Power switch)
	TF: MicroSD memory card slot
	Mini USB port: Mini USB connecter for wireless monitor software to to update only
	AV-OUT port: use AV cable to connect with TV/LCD
	DC 12V Input Use of continuous current

3. Rear side of the wireless receiver

Antenna need to be expanded

Speaker

Receiver stand

4. Side of the wireless camera (Descriptions from up to down)

Antenna

Power Connector

Pair button

Camera stand

5. Front of the wireless camera with the IR night lights

6. Controlling the monitor

	Menu: Press **Menu** key to show Main Menu.
	Cam: Press **Camera** key to change channels.
	Screen: Press **Screen** key to show 4 video same time, press it again, video auto to show one by one, press it again to enlarge one of 4 video.
	Rec: Press Video **Record** key to record a video, press it again to stop recording.
	Press **OK** key (round key in the middle) to confirm the selection.
	Press **UP / DOWN / LEFT / RIGHT** navigation key (the keys with the arrows) to select the mode
Volume (VOL+ / VOL–): To increase the Volume press on the upper button (+), to decrease the volume press on the lower button (–).	

7. Charging the receiver

Plug the Mini USB cable* (*included) into the Mini USB slot of the receiver. Then connect the USB port to the USB slot of a PC or an USB 12V/1A charging adapter* (*included). Charging time is approx. 3–4 hours. While loading, the RED LED lights continuously. When the receiver is fully loaded, the RED LED turns off.

8. MAIN MENU

Press the **Menu** key to display the main menu, and the below picture is shown on the wireless digital video receiver display with the different modes you can select.
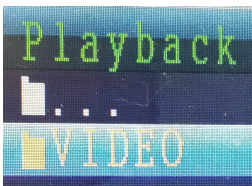

Playback – Record – Select Camera – Contrast/Brightness
Recording schedule – Motion Detection – Settings – Exit
Connect the 5VDC power adapter to the camera, connect the 12V/1A DC power adapter to the receiver and turn on the receiver (has a built-in battery).
Press "Pair Code" at the wireless camera power connector to pair the camera to the receiver. When the connection is established you see in the background of the Main Menu the motion the camera is focused on.

8.1. Playback Mode

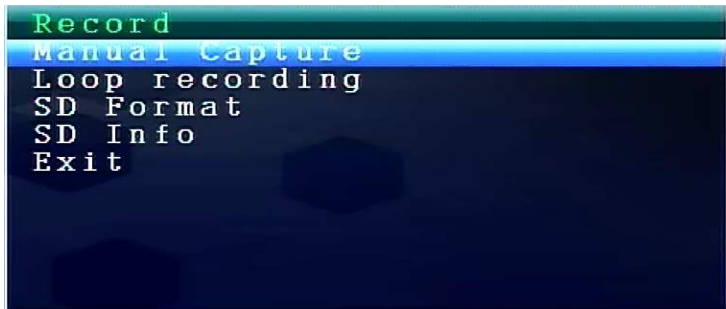|	
	Press **Menu** key to display the main menu. Press LEFT or RIGHT navigation key to select the **"Playback Mode"**. Press **OK** key to enter it. **Attention**: Playback mode can be selected only if a MicroSD card is inserted! If files are saved in different folders, select the file you want to playback.
	Press **OK** key to enter and then select the file to play. Press **Menu** key again to Exit.

8.2. Record Mode

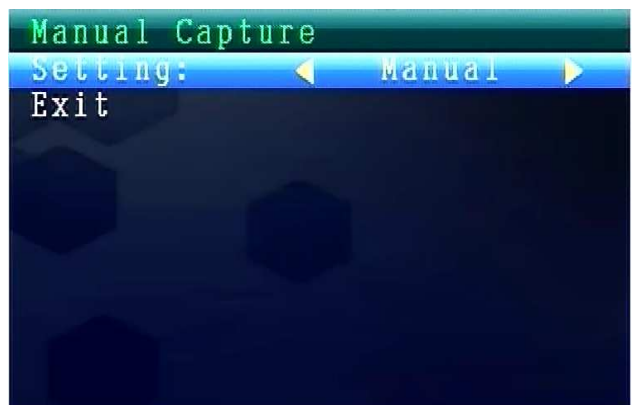|	
	Press **Menu** key to display the main menu. Press LEFT or RIGHT navigation key to select the **"Record Mode".** Press **OK** key to enter it. Then below settings are shown:

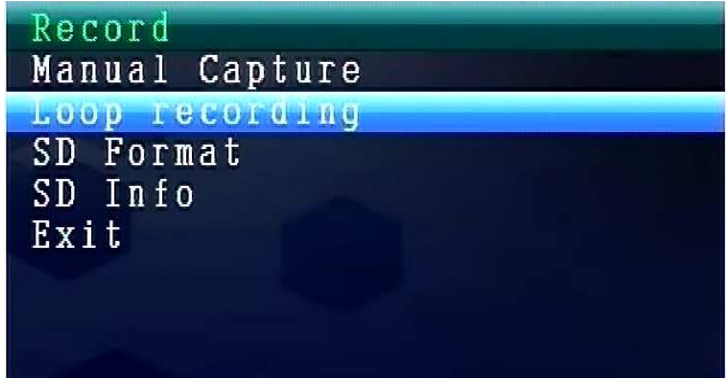|	

Manual Capture
 	
Press UP or Down navigation key to select **"Manual Capture"**.
 	
Press **OK** key to confirm.
	`Record`
	`Manual Capture`
	`Loop recording`
	`SD Format`
	`SD Info`
	`Exit`

Manual Capture
Now you see different methods to record. Use the LEFT or RIGHT navigation key to select: **Manual, Take 1 photo, Take 3 photos, Take 5 photos, 5s video, 10s video, 30s video, 1 Min video.** Press **OK** button to confirm the selection. Select **Exit** with the UP/DOWN navigation key to go back to the **Record Mode.**
	`Manual Capture`
	`Setting:` ◄ `Manual` ►
	`Exit`

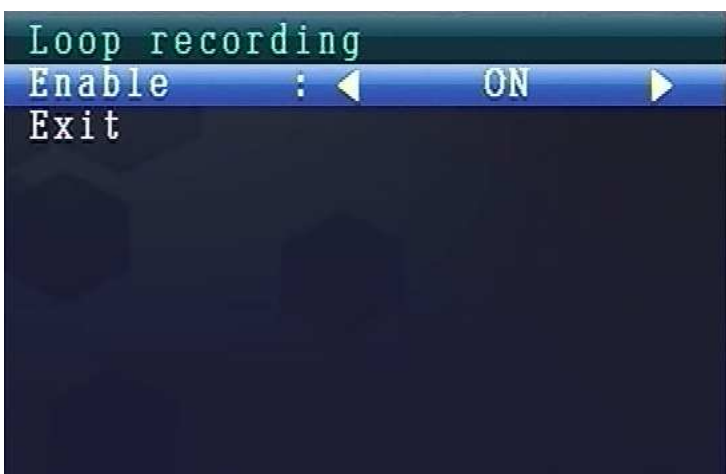|	

Loop recording
 	
Press UP or Down navigation key to select **"Loop Recording"**.
 	
Press **OK** key to confirm.
	`Record`
	`Manual Capture`
	`Loop recording`
	`SD Format`
	`SD Info`
	`Exit`

Loop recording
 	
Use the LEFT or RIGHT navigation key to select **ON or OFF.**
Press **OK** button to confirm the selection.
 	
Select **Exit** with the UP/DOWN navigation key to go back to the **Record Mode.**
	`Loop recording`
	`Enable` : ◄ `ON` ►
	`Exit`

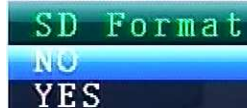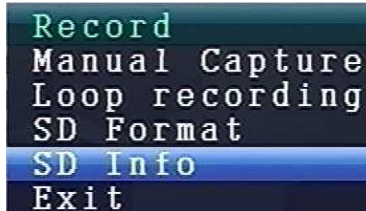|	
SD Format Press UP or Down navigation key to select **"SD Format"**. Press **OK** key to confirm. The Monitor has a MicroSD card slot for saving recorded files. The installed software supports cards up to 32GB. With 32GB it is possible to record for up to 7 days continuously in "low" quality.	Record Manual Capture Loop recording SD Format SD Info Exit
SD Format Use the UP or DOWN navigation key to select **NO or YES.** If select **YES**, it will format all files on MicroSD card. Press **OK** button to confirm the selection.	SD Format NO YES

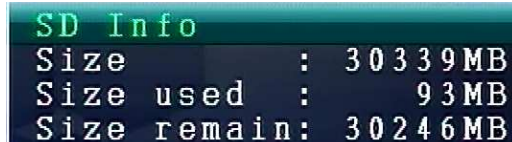|	
SD Info Press UP or Down navigation key to select **"SD Info".** Press **OK** key to confirm.	Record Manual Capture Loop recording SD Format SD Info Exit
SD Info Then the SD Information is shown. Press **OK** key to go back to Record Mode.	SD Info Size : 30339MB Size used : 93MB Size remain: 30246MB

8.3. Select Camera Mode

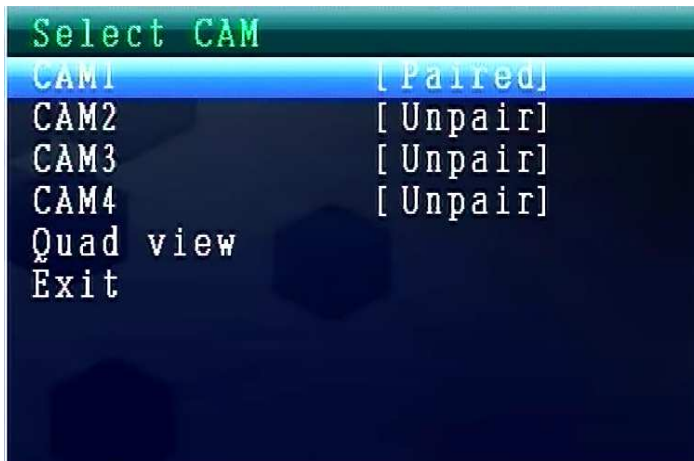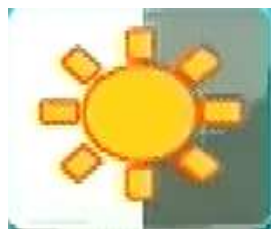|	
	Press **Menu** key to display the main menu. Press LEFT or RIGHT navigation key to select the **"Select Camera Mode".** Press **OK** key to enter it. Then below settings are shown:

Select CAM Press UP or Down navigation key to select: **CAM1, CAM2, CAM3, CAM4, Quad view, Exit** Press **OK** key to confirm the selection. Select **Exit** with the UP/DOWN navigation key to go back to the **Main Menu.**	Select CAM CAM1 [Paired] CAM2 [Unpair] CAM3 [Unpair] CAM4 [Unpair] Quad view Exit

8.4. Contrast / Brightness Mode

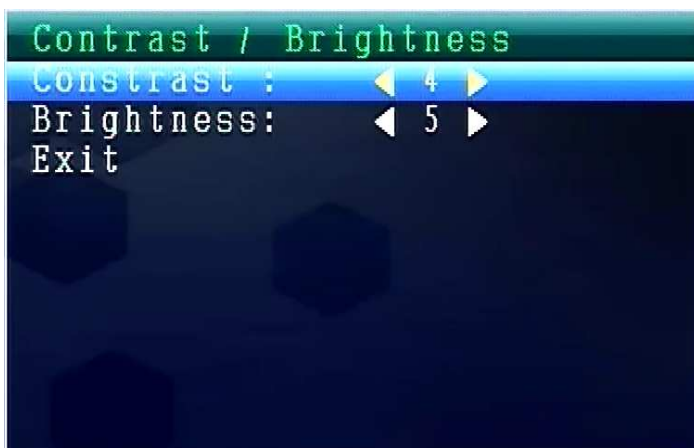|	
	Press **Menu** key to display the main menu. Press LEFT or RIGHT navigation key to select the **"Contrast/Brightness Mode".** Press **OK** key to enter it. Then below settings are shown:

Contrast / Brightness Press UP or Down navigation key to select **"Contrast".** With the LEFT or RIGHT navigation key you can choose between a **value range from 1 – 9.** Press **OK** key to confirm the selection. Select **Exit** with the UP/DOWN navigation key to go back to the **Main Menu.**	Contrast / Brightness Constrast : ◀ 4 ▶ Brightness: ◀ 5 ▶ Exit

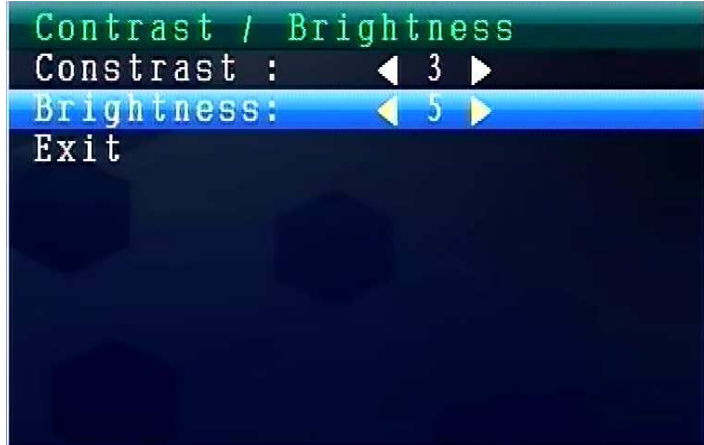|	
Contrast / Brightness Press UP or Down navigation key to select **"Brightness".** With the LEFT or RIGHT navigation key you can choose between a **value range from 0 – 9.** Press **OK** key to confirm the selection. Select **Exit** with the UP/DOWN navigation key to go back to the **Main Menu.**	Contrast / Brightness Constrast : ◀ 3 ▶ Brightness: ◀ 5 ▶ Exit

Setting the Sound Volume during operation

▲	UP button (VOL +)
▽	DOWN button (VOL –)

8.5. Recording Schedule Mode

	Press **Menu** key to display the main menu. Press **LEFT or RIGHT navigation** key to select the "Recording Schedule Mode". Press **OK** key to enter it. Then below settings are shown:

Recording Schedule Press UP or Down navigation key to select **"Enable".** With the LEFT or RIGHT navigation key you can select **ON or OFF.** If select **ON**, it will turn on auto **Recording Schedule Mode**. Press **OK** key to confirm the selection.	Recording Schedule Enable : ◀ ON ▶ Start Time: 14:00 End Time : 13:03 Exit

Press UP or Down navigation key to select **"Start Time".**
With the LEFT or RIGHT navigation key you can set the **Recording Start Time**.
Press **OK** key to confirm the setting.

Press UP or Down navigation key to select **"End Time".**
With the LEFT or RIGHT navigation key you can set the **Recording End Time**.
Press **OK** key to confirm the setting.

Select **Exit** with the UP/DOWN navigation key to go back to the **Main Menu.**
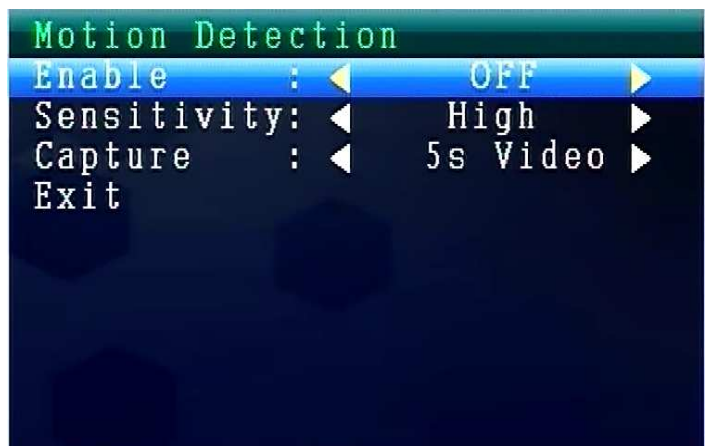
8.6. Motion Detection Mode

Press **Menu** key to display the main menu.
Press LEFT or RIGHT navigation key to select the **"Motion Detection Mode"**. Press **OK** key to enter it.

Then below settings are shown:

Motion Detection

Press UP or Down navigation key to select **"Enable".**
With the LEFT or RIGHT navigation key you can select **ON or OFF**.
If select **ON**, it will turn on auto **Motion Detection Mode**. Press **OK** key to confirm the selection.

Motion Detection Icon

Press UP or Down navigation key to select **"Sensitivity".** With the LEFT or RIGHT navigation key you can select **Hight/Standard/Low**. Press **OK** key to confirm the selection.

Press UP or Down navigation key to select **"Capture".** With the LEFT or RIGHT navigation key to select: **Take 1 photo, Take 3 photos, Take 5 photos, 5s video, 10s video, 30s video, 1 Min video.** Press **OK** key to confirm the setting.

Select **Exit** with the UP/DOWN navigation key to go back to the **Main Menu.**

8.7. Setting Mode

	Press **Menu** key to display the main menu. Press LEFT or RIGHT navigation key to select the **"Setting"**. Press **OK** key to enter it. Then below settings are shown:

Setting Press UP or Down navigation key to select **"Pair"** and press **OK** key to confirm the selection. With the LEFT or RIGHT navigation key you can select **Cameras.**	Setting Pair Date & Time Auto Switch Setting Language Advanced Setting Reset to Factory Default About & Version Exit

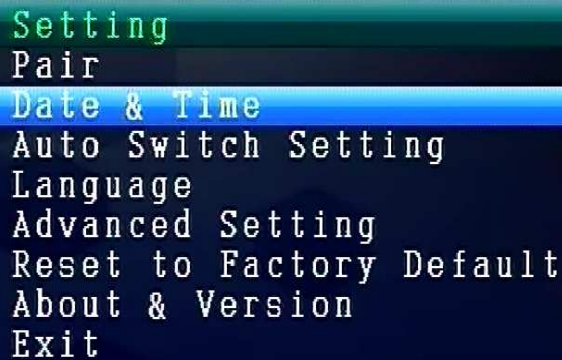|	
Pair Select **CAM1** and press **OK** key to pair with the camera. If succeed, you will see this picture. With CAM2, CAM3, CAM4 paring procedure is the same. Select **Exit** with the UP/DOWN navigation key to go back to the **Main Menu.**	Pair CAM1 [Paired] CAM2 [Unpair] CAM3 [Unpair] CAM4 [Unpair] Exit

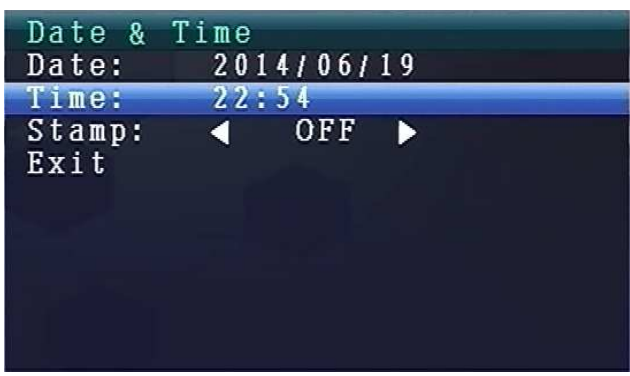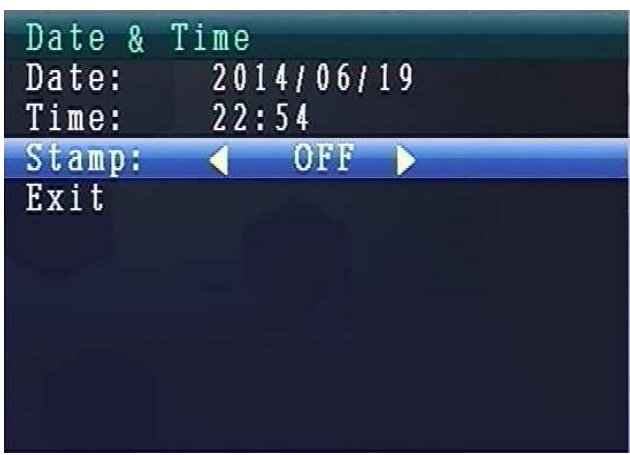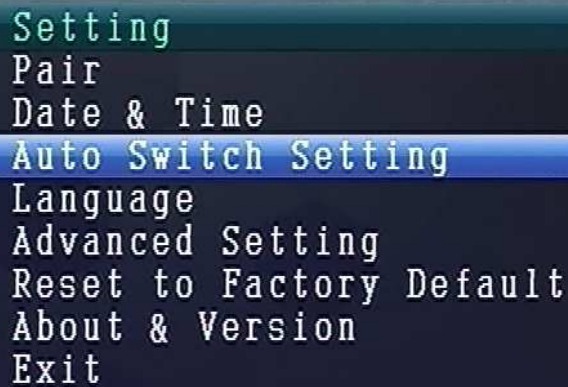|	
Date & Time Press UP or Down navigation key to select **"Date & Time"** and press **OK** key to confirm the selection. With the LEFT or RIGHT navigation key you can select **ON or OFF**. Select **Exit** with the UP/DOWN navigation key to go back to the **Main Menu.**	Setting Pair Date & Time Auto Switch Setting Language Advanced Setting Reset to Factory Default About & Version Exit
Date With the UP or DOWN navigation key you can set the **Date**. Press **OK** key to confirm the setting. Select **Exit** with the UP/DOWN navigation key to go back to the **Main Menu.**	Date & Time Date: 2014/06/15 Time: 04:26 Stamp: ◄ ON ► Exit
Time With the UP or DOWN navigation key you can set the **Time**. Press **OK** key to confirm the setting. Select **Exit** with the UP/DOWN navigation key to go back to the **Main Menu.**	Date & Time Date: 2014/06/19 Time: 22:54 Stamp: ◄ OFF ► Exit
Date & Time Display With the UP or DOWN navigation key you can set the **Stamp**. Default setting is **ON.** If select **OFF**, Date & Time will NOT be shown on the LCD. Press **OK** key to confirm the setting. Select **Exit** with the UP/DOWN navigation key to go back to the **Main Menu.**	Date & Time Date: 2014/06/19 Time: 22:54 Stamp: ◄ OFF ► Exit

Auto Switch Setting

Press UP or Down navigation key to select **"Auto Switch Setting of the cameras"** and press **OK** key to enter and then press **OK** key to confirm the setting.

Under this mode, video can auto switch to show on the LCD.

```
Setting
Pair
Date & Time
Auto Switch Setting
Language
Advanced Setting
Reset to Factory Default
About & Version
Exit
```
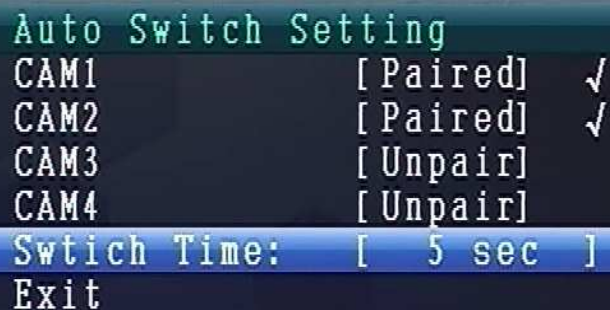
Auto Switch Setting Mode

Press UP or Down navigation key to select **"Switch Time".** Default setting is **5 sec.**
You can select: 5 sec, 10 sec, 30 sec, 1 min. Press **OK** key to confirm the selection.
Select **Exit** with the UP/DOWN navigation key to go back to the **Main Menu.**

```
Auto Switch Setting
CAM1          [Paired]    √
CAM2          [Paired]    √
CAM3          [Unpair]
CAM4          [Unpair]
Swtich Time:  [  5 sec  ]
Exit
```

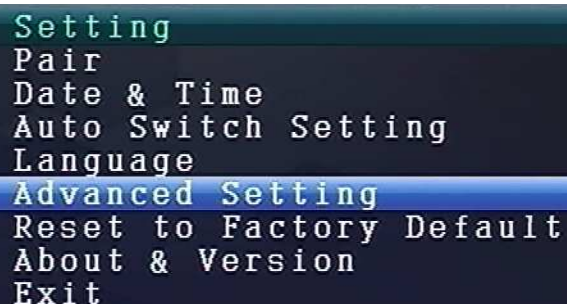## LANGUAGE MODE (under Setting Mode)

Press UP or Down navigation key to select **"Language".** Press **OK** key to enter it.

With the LEFT or RIGHT navigation key you can select the desired language. Press **OK** key to confirm the selection.

Advanced Setting

Press UP or Down navigation key to select **"Advanced Setting".** Press **OK** key to enter it.

Then below settings are shown:

```
Setting
Pair
Date & Time
Auto Switch Setting
Language
Advanced Setting
Reset to Factory Default
About & Version
Exit
```
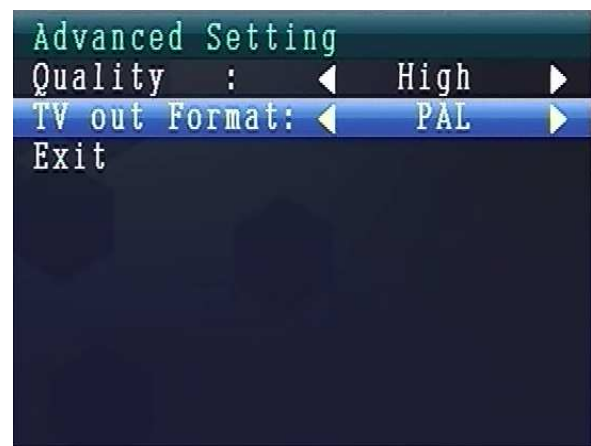
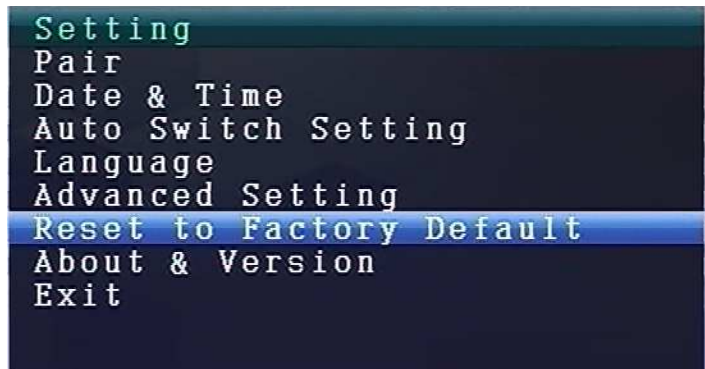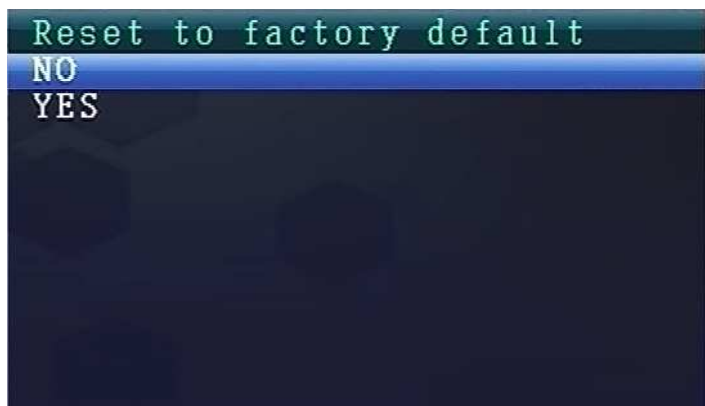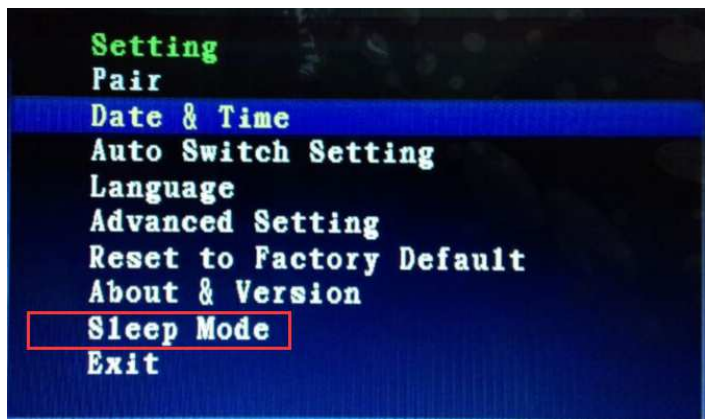|	
Advanced Setting Press UP or Down navigation key to select **"Quality".** Press LEFT or RIGHT navigation key to select **HIGH or LOW.** Press **OK** key to confirm the selection. Select **Exit** with the UP/DOWN navigation key to go back to the **Main Menu.**	Advanced Setting Quality : ◄ High ► TV out Format: ◄ PAL ► Exit
Advanced Setting Press UP or Down navigation key to select **"TV out Format".** Default setting is **NTSC.** Press LEFT or RIGHT navigation key to select **PAL or NTSC.** Press **OK** key to confirm the selection. Select **Exit** with the UP/DOWN navigation key to go back to the **Main Menu.**	Advanced Setting Quality : ◄ High ► TV out Format: ◄ PAL ► Exit
Reset to Factory Default Press UP or Down navigation key to select **"Advanced Setting".** Press **OK** key to enter it.	Setting Pair Date & Time Auto Switch Setting Language Advanced Setting Reset to Factory Default About & Version Exit
Reset to Factory Default Press UP or Down navigation key to select **NO or YES.** If select **YES**, all setting values are putting back to the factory default values. Press **OK** key to confirm the selection.	Reset to factory default NO YES

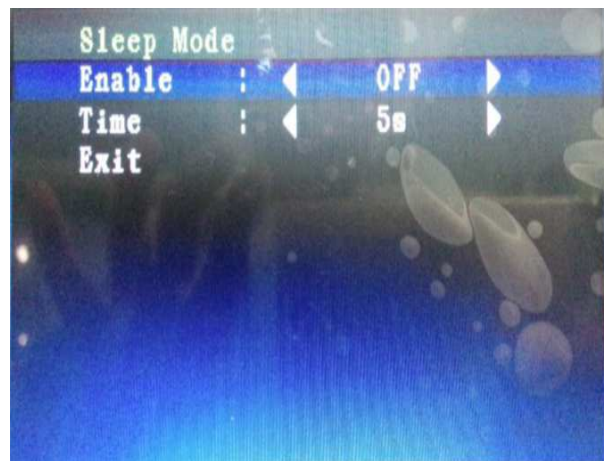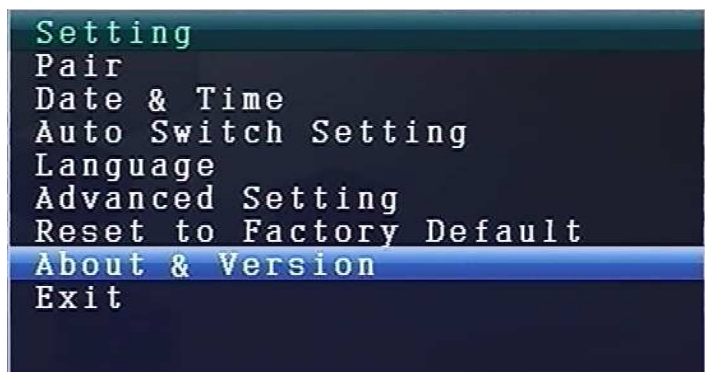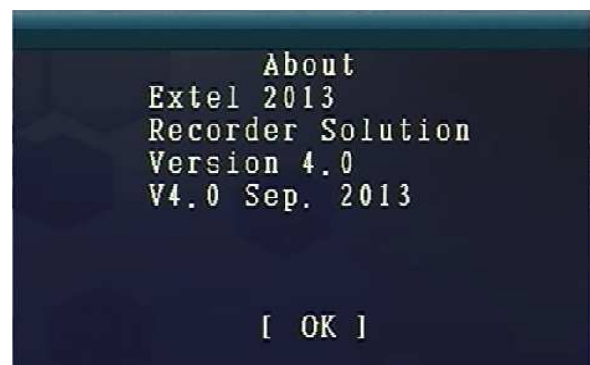|	
Sleep Mode Press UP or Down navigation key to select **"Sleep Mode".** Press **OK** key to enter it.	Setting Pair Date & Time Auto Switch Setting Language Advanced Setting Reset to Factory Default About & Version Sleep Mode Exit
Sleep Mode Press UP or Down navigation key to select **"Enable".** With the LEFT or RIGHT navigation key you can select **ON or OFF**. If select **ON**, it will turn on **Auto Sleep Mode**. Select: 5, 15, 30, 45 seconds or 1 minute. Press **OK** key to confirm the selection.	Sleep Mode Enable : ◄ OFF ► Time : ◄ 5s ► Exit
About & Version Press UP or Down navigation key to select **"About & Version".** Press **OK** key to enter it.	Setting Pair Date & Time Auto Switch Setting Language Advanced Setting Reset to Factory Default About & Version Exit
About & Version Here you can see the **Software Information.** Press **OK** key to go back to Setting Mode. Select **Exit** with the UP/DOWN navigation key to go back to the **Main Menu.**	About Extel 2013 Recorder Solution Version 4.0 V4.0 Sep. 2013 [OK]

9. Signal Strength Indicators – Description

 Perfect　　 **Low**　　 **No signal**

10. Problem: No video ➔ Make sure, camera and monitor are in effective range.

11. Package Contents

Easy Security Camera Set TX-28, 1x Wireless camera, Wireless Video 7" TFT LCD Receiver, USB-to-Mini-USB-cable (for connection to a PC), Cinch cable, Power adapter for the camera, Power adapter for the receiver, Screws and dowels, User Manual

12. Technical Specifications CAMERA

Channels	2400 – 2483.5 MHz
Sensor	1/4" OV7725 CMOS
Resolution	420 TVL
Degree of protection	IP65
Min. illumination	0 LUX (IR on)
Ø Lens / Effective Pixel	Ø 6mm / 640 (H) x 480 (V)
S/N Ratio	More than 48 dB
Video Output	1 Vp-p / 75 Ohm
Power supply	5V / 1A
Operating temperature	approx. –5°C up to +45°C
Weight / Dimensions	270 g / (L) 9,5 x (W) 6,8 x (H) 5,7 cm

Wireless Receiver (Monitor) & Camera

Frequency 2.4GHz / Band 2.4GHz
Radiated transmission power max. 80–100mW

13. Technical Specifications WIRELESS RECEIVER (Monitor)

Display	7" TFT LCD
Video Format	NTSC / PAL
Compression Format	MPEG-4
Video input / Video output	4CH wireless single / 1 composite output
Audio input / Audio output	4CH wireless single / 1 composite output
Frame rate	640 x 480 VGA with 20fps
	320 x 240 QVGA with 25fps
Memory card	MicroSD card up to 32GB
Transmission range	≥ 200m (open range)
Power	Built-in 1600mAh battery 7.4V
Power supply	DC 12V / 1A
Operating temperature	approx. 0°C up to +50°C
Weight / Dimensions	395 g / (L) 20,0 x (W) 12,0 x (H) 2,0 cm

14. Important Safety Notice

Only use the **DC CONVERTER** provided. The manufacturer isl not responsible for any losses caused by DC converter not provided by the manufacturer. Do not touch the DC converter with conductors (e.g. rings, etc.). Only use the socket match with the DC converter. Use of improper socket may cause electrical and fire damage.
BATTERY: Always fully (!) recharge the battery before use. It must be fully discharged before charge it again. Over charge and over discharge will shorten its life span. If the usage period of a fully charged battery will become shorter and shorter, you need to change it (its life will be shorten from the time it is being used).
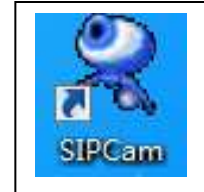
Warnings

● Do not attempt to disassemble the device, it may result in short-circuit or even damage.
● Do not drop or shake the device, it may break internal circuit boards or mechanics.
● Keep the device in dry and ventilated environment. Avoid high humidity and high temperature.
● Keep the device away from little children.
● The device will be hot after using for too long time. This is normal.
● Please use the accessory provided by our factory.

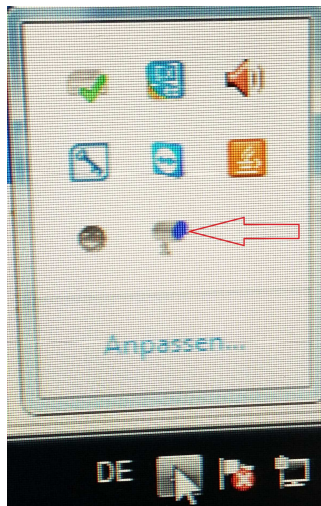# Appendix: The installation of "My Secure"

15. Connecting the Camera Set TX-28 via "My Secure"

Connect the monitor of the TX-28 with a computer/notebook via the included Mini-USB Kabel (Mini-USB to the receiver, USB to your computer).

Install the **SIPCam** software from the included CD-ROM and follow the installation instructions on the screen. After installation is completed, this icon is shown on your desktop.
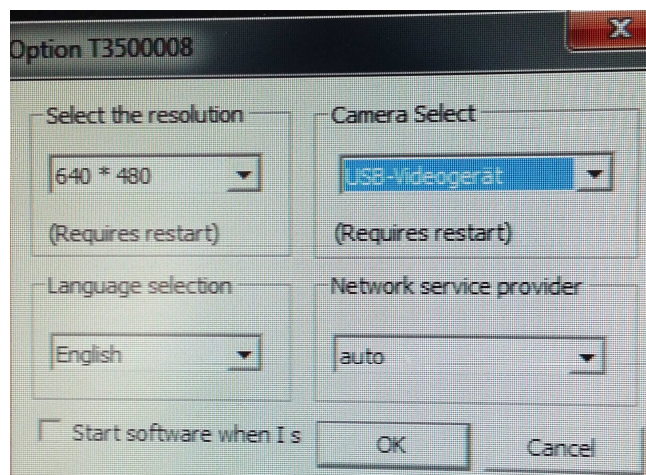
Double-click on the icon and run the **SIPCam**. In the hidden icons [right hand side in the below task bar] you find the icon for SIPCam (see picture). Click with the right mouse button on the icon. Then select "Option" (see picture).

Due to further developments, find upates from „SIPCam" at this link:
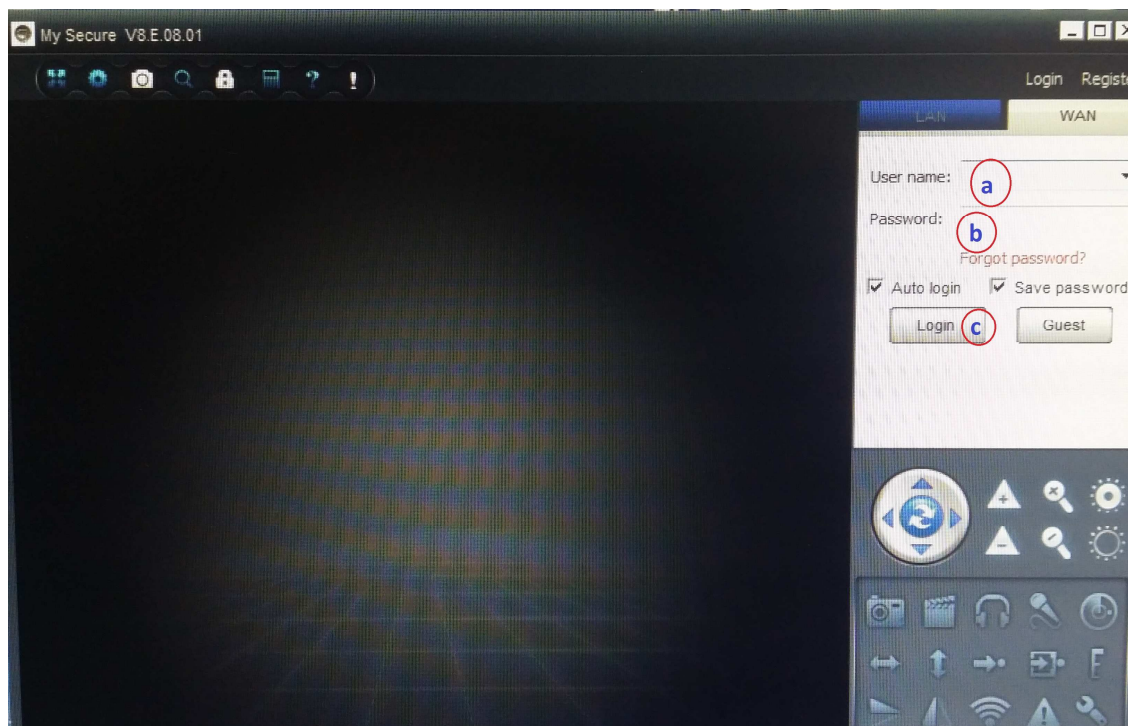
www.technaxx.de/support

Choose under "Camera Select" the "USB Video device" and click on the "OK" button. When you already installed the **Technaxx App "My Secure",** you can login with the *Cam ID/User and Login Password (both you can find on the monitor back side).*

Install **"My Secure"** on your computer or notebook. You can find the software for „My Secure" on the included CD-ROM or at this link: www.technaxx.de/support. Due to further developments, find upates from „My Secure" at this link: **www.technaxx.de/support**

Put the installation CD in the CD-slot on the computer/notebook. Follow the installation process on the screen to install „My Secure".

After installation is completed, "My Secure" starts automatically. Click on the "WAN" button and input *Cam ID/User and Login Password (both you can find on the monitor back side).* Then click on the Login button.

For Android, iPhone or another iOS Smartphone, search and download "My Secure" in the Google Play store and Apple APP store. Follow the installation process on the display of your Smartphone.
The user manual for the „My Secure App" you can find here:
www.technaxx.de/support.
Go on this link to download the latest software.

ATTENTION: When you want to follow up watching the Camera Set TX-28 via WLAN, the connection (with included Mini USB cable) **between the Camera Set TX-28 and your computer/notebook must be active all the time.**

ATTENTION: There must always be available an existing wireless network.