

Technaxx[®] * User Manual

WiFi Rear Camera System TX-111

**Suitable for most of cars (& vans, SUVs, minibuses, caravans, etc.)
as assistance for reverse parking.**

**This system should be an aid and should NOT replace the need to drive
carefully.**

**NOTE: the Smartphone in the car may only be used if it is firmly fixed in
a holder.**

**Under no circumstances will the manufacturer or supplier accept any
responsibility or can held liable for any direct or indirect, incidental or
consequential damage, or for injuries resulting from installing or use of
this system.**

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.

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.

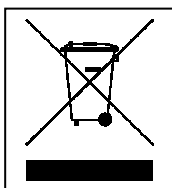
Warranty 2 years

Features

- Inconspicuous reversing camera in license plate holder
- Suitable for most vehicles as assistance for reverse parking
- Video stream over WiFi on Smartphone via APP (New Sight)
- Wireless video transmission up to ~10m
- IR LED for clear night vision ~4m
- Adjustable camera alignments & 110° viewing angle
- IP67 camera protection class (dustproof & protection against temporary immersion)
- License plate holder suitable for single-line EC registration (52x11cm)
- Complete installation set
- More safety in reverse driving

Technical specifications

License plate holder with camera	
Image sensor / Resolution	CMOS / 640x480 pixel
Viewing angle	110°
Min. illumination	0.5Lux / automatic white balance
IR night vision distance	~4m
Power supply	Connection via WiFi transmitter
Max. current	210mA (incl. transmitter)
Protection class	IP67
Weight / Dimensions	264g / (L) 52.8 x (W) 4.0 x (H) 13.7cm
WiFi Transmitter	
Modulation	(CCK, DQPSK, DBPSK), OFDM (BPSK, QPSK, 16QAM, 64QAM)
Protocol	IEEE 802.11 b/g/n
Encoding	WPA2
Transmission frequency	2.4GHz
Max. radiated output power	10mW
Weight / Dimensions	72g / (L) 9.5 x (W) 4.0 x (H) 1.4cm
Input voltage	DC 12V
Transmission distance	~10m open space (no interferences)
Operating temperature	-10°C up to +50°C
APP name / version	New Sight / iOS version 7.0 and higher and Android version 4.4 and higher
Weight / Dimensions	65g / (L) 9.0 x (W) 3.5 x (H) 1.2cm
Packing Contents	License plate holder with camera, WiFi transmitter with power connection for the camera, Mounting material, User Manual

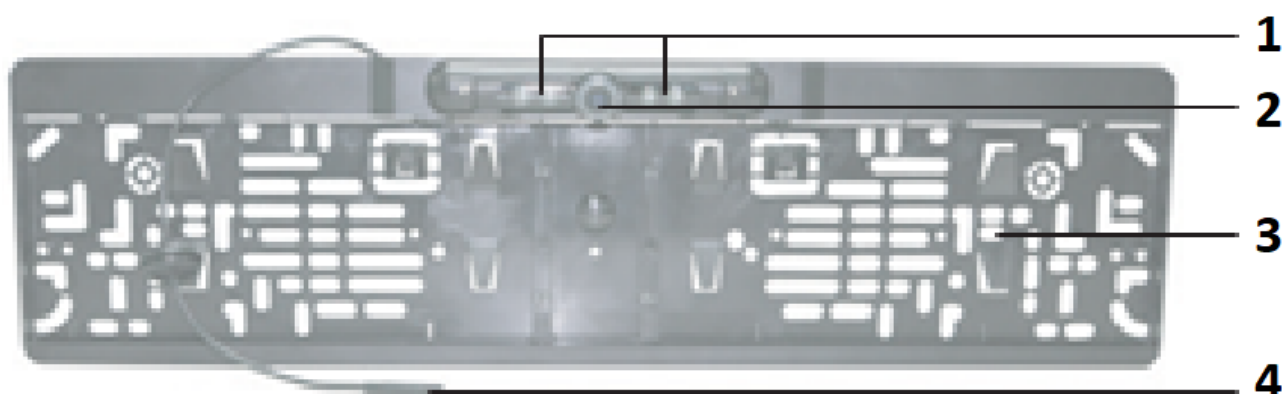


Hints for Environment Protection: Packages materials are raw materials and can be recycled. Do not disposal old devices or batteries into the domestic waste. **Cleaning:** Protect the device from contamination and pollution (use a clean drapery). Avoid using rough, coarse-grained materials or solvents/aggressive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

Product overview

The rear view camera sends a video signal from the camera via WiFi to the smartphone. In case another Bluetooth handsfree device is installed in your vehicle, it works in the same frequency range as the camera. If that handsfree device is activated, it may cause disturbances. Therefore we recommend to deactivate that other Bluetooth handsfree device while using the reversing system.

License plate holder with camera



1	Infrared-LED	3	Holder
2	Camera	4	Connection cable

WiFi Transmitter



1	Connection cable to the electrical system	2	Connection cable to camera
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WiFi status LED on the WiFi transmitter box:

RED: WiFi is being set up

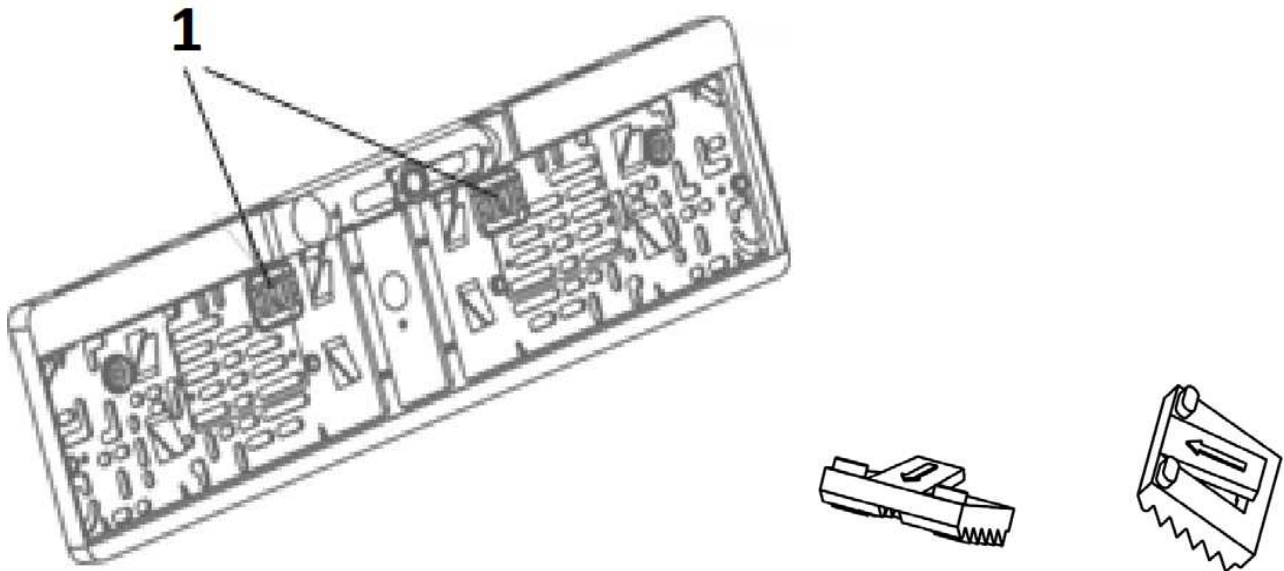
GREEN: WiFi is ready for connection

Commissioning

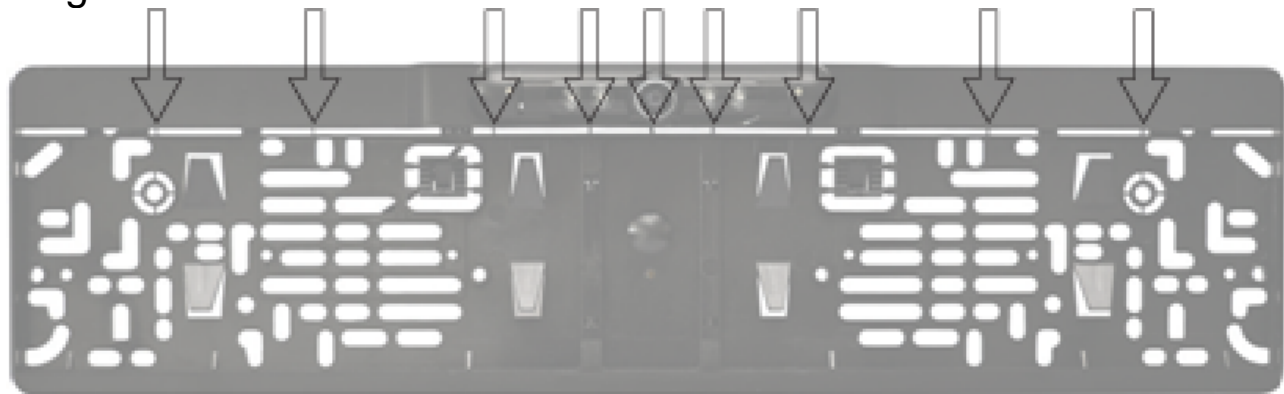
Check the functionality of the components before installation (a installed product is excluded from the return). Preparing and installing the license plate holder and the transmitter unit.

NOTE: You may need a voltmeter to measure the polarity of the electrical system.

→ Break the two locks carefully out of the holder.



→ Remove the transport locks carefully. Use a sharp knife or a tong.



→→ Attach the license plate holder to the vehicle instead of your previous license plate holder.

→→→ Insert the camera cable into the trunk compartment and connect it to the transmitter unit.

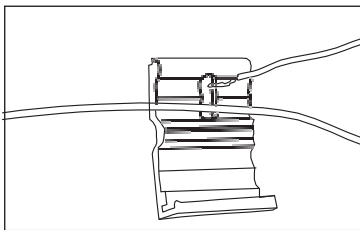
→→→→ Attach the transmitter unit steady and firm in the trunk compartment.

→→→→→ Connect the black connection cable of the WiFi transmitter to the negative pole of the 12V electrical system (on board-voltage).

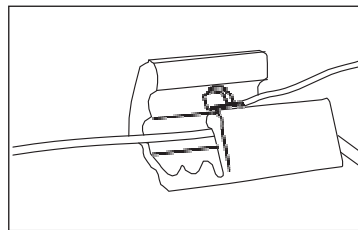
→→→→→ Connect the red connection cable of the WiFi transmitter to the positive pole of the 12V electrical system (on board-voltage). You can use any 12V voltage that is switched on or off with the ignition or the light (rear light). A connection with 12V continuous plus is not recommended because of the power consumption. It is also not recommended to connect to the reversing light as the WiFi transmitter will take about 10 seconds to establish a connection.

Using the cable clamps

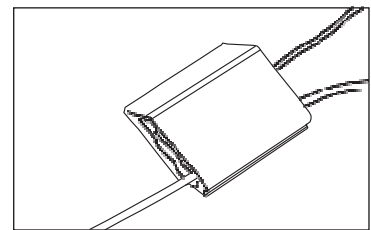
The pictures explain how to use the supplied cable clamps.



1. Put the cable from the car you want to connect the WiFi transmitter with into the clamp.



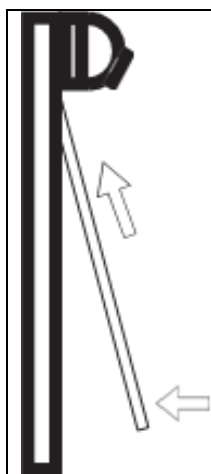
2. Insert the 2nd cable (red or black cable of the WiFi transmitter).



3. Close the clamp.

Insert the license plate in the holder


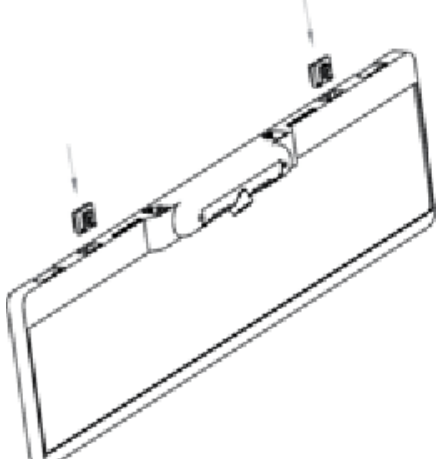
The following drawings show in sequence the insertion of the license plate.



1. Step

→ Slide the license plate into the upper opening.

→→ Press the number plate towards the holder.

	<p>2. Step</p> <p>→→→ Slide the license plate down until it stops.</p>
	<p>3. Step</p> <p>→→→→ Insert the locks from above into the holder.</p> <p>(You carefully broke them out of the holder in the first step.)</p>

→→→→→ Set the camera at an angle where you have a good view to the rear, depending on the height of the license plate holder from the ground.

The displayed lines on the Smartphone give you an indication of the distance.

Definitely control the distance with a folding ruler.

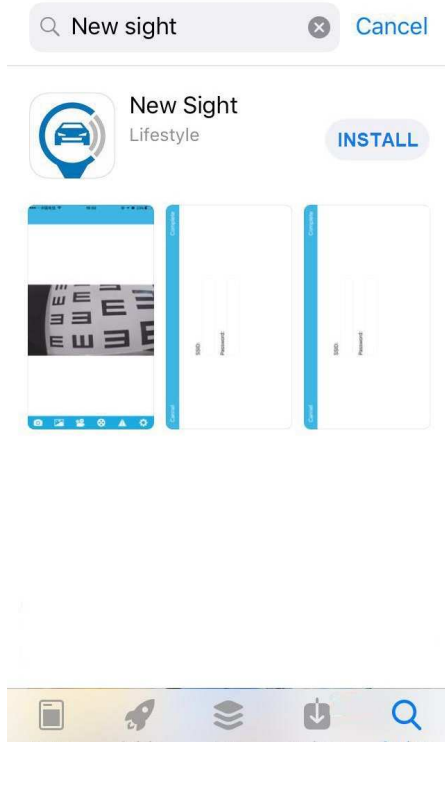


Explanations for the installation of the Smartphone APP can be found on the following pages.

→→→→→ Then tighten the screws on both sides of the camera.


Download & install the APP

For the TX-111 you get for Apple iOS (from 7.0) and Android (from 4.4) a suitable APP.

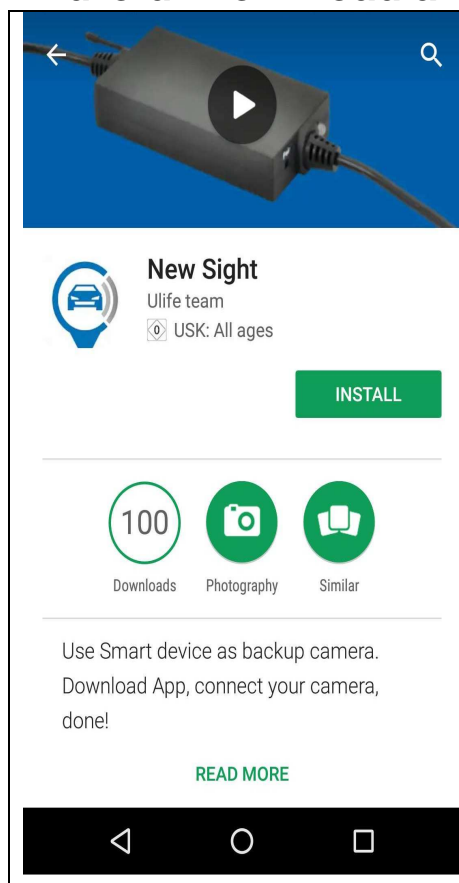
iOS: Download and install the APP

 A screenshot of the Apple App Store search results for the app 'New Sight Lifestyle'. The search bar at the top contains the text 'New sight'. Below the search bar, the app is listed with its icon (a blue car inside a lightbulb) and the name 'New Sight Lifestyle'. To the right of the app name is a blue 'INSTALL' button. Below the app name, there are three preview images showing the app's interface. At the bottom of the screen is the iOS home indicator bar.	<p>→ Open the APP-Store or Scan the QR-code.</p> <p>→ In the search field enter New Sight.</p> <p>→ Select New Sight under the search results and confirm with Install.</p> <p>→ After the app is installed, you will see a corresponding icon.</p> <div data-bbox="670 851 909 1120">The app icon for 'New Sight Lifestyle' is a blue car silhouette inside a white lightbulb shape, which is itself inside a blue circular frame.</div> <div data-bbox="1053 761 1404 1120">A standard black and white QR code that, when scanned, likely leads to the app's download page.</div>
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Setting up the WiFi connection:

 A screenshot of the 'Wi-Fi' settings page in an iPhone's Settings app. The 'Wi-Fi' toggle is turned on (green). Below it, 'WIFICAMERA' is selected with a blue checkmark. Under 'WIFICAMERA', there is a section 'CHOOSE A NETWORK...' with a list of available networks: 'Coest', 'Denter-Wlan', 'DIRECT-M33', 'LEDCAM_30FFFFFF8AF FFFFF92', 'NVR9ca3a91fae96', 'nvrapp', and 'Technaxx-Meeting'. Each network has a lock icon, a signal strength indicator, and an information icon (i).	<p>→ Go to Settings of your Smartphone. Open WiFi.</p> <p>→ Select WIFICAMERA as WiFi connection.</p> <p>→ At initial startup, enter the following dialog as Password 88888888 (8x8).</p> <p>→ The connection is made.</p> <p>→→ Open the APP New Sight.</p>
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Android: Download and install the APP



→ Open the Playstore or Scan the QR-code.

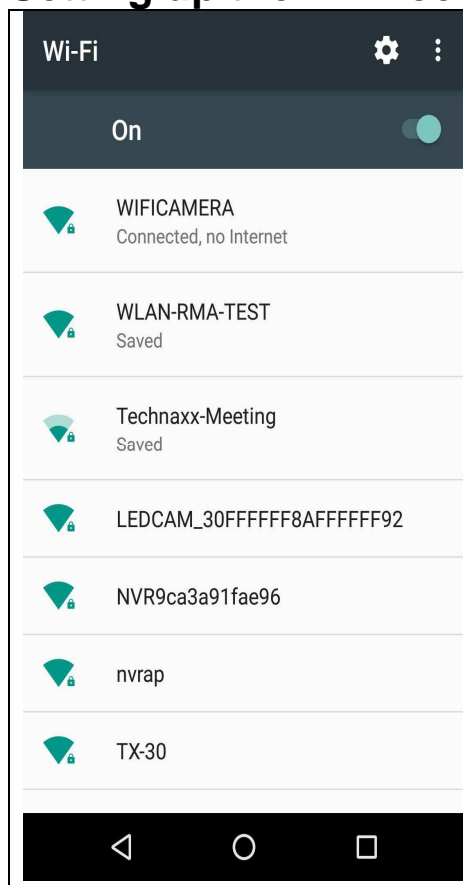
→ In the search field, enter New Sight.

→ Select New Sight under the search results and confirm with Install.

→ After the app is installed, you will see a corresponding icon on the screen.



Setting up the WiFi connection:



→ Go to Settings. open WiFi.

→ In the WiFi list, select WIFICAMERA.







→ At initial startup enter the password 88888888 (8x8).

→ The connection is made.

→→ Open the App New Sight.

Start/Open the APP New Sight



	Take a snapshot of the current live view
	List of taken and saved pictures on your Smartphone.
	Take a video of the current live view.
	List of taken and saved videos on your Smartphone.
	Horizontal reflection (mirror) of the live view
	Customize the WiFi name and WiFi password of the WiFi transmitter. It is suggested to change the name and the password after the first use. After changing WiFi name and password you need to reconnect your phone to the new WiFi. Enter the new given password.

Tips, Note & Attention

- A brief tap on the display will hide the menu.
- The displayed lines are intended only as an aid to estimating the distance. To get a feel for it, you should do a driving exercise.
- When transferring the images, there is a systemic delay. This delay is in the range of one-half to one second. They should take this time into consideration when driving backwards.

Problem and solution

- You will only get a gray picture, even though the LED on the WiFi transmitter box is green.
- In this case, you should reset the WiFi transmitter box. Press with a pen into the marked RESET button on the WiFi transmitter.



			WiFi Status
1	Reset	2	RED: WiFi is being set up GREEN: WiFi is ready for connection

- Then disconnect the power supply and restore the connection after approx. 20 seconds. Check if the WLAN connection is available again.

NOTE: In some cases it may also be necessary to uninstall and reinstall the App New Sight.

Safety regulations

The reversing system is an aid and does not relieve the driver of his duty of care in road traffic according to STVO. Please read these instructions carefully before first use.

General information:

● Never place the device on an unstable surface. Dropping may damage the device. ● The device is not in the hands of children. It is not a toy. ● Also observe the safety instructions and the operating instructions of the other devices to which the device is connected. ● In commercial facilities, the accident prevention regulations of the Association of Professional Associations for Electrical Installations and Equipment must be observed. ● In schools, training centers, hobby or self-help workshops, the operation of electronic products is to be monitored responsibly by trained personnel. ● The seller assumes no responsibility for damage that occurs during the use of the device, as well as for complaints by third parties.

Environmental conditions:

● Avoid heavy mechanical stress on the device. Protect it from vibration, hard knocks, do not drop it or shake it. ● Do not expose the device to high temperatures (over 50°C) and strong temperature fluctuations. Protect it from direct solar radiation and proximity to radiators. ● IP67 camera protection class (dustproof & protection against temporary immersion). The monitor and the transmitter may only be operated indoors. ● It cannot be completely ruled out that some paints, plastics or other care products attack the material of the housing or accessories.

Disorders: If an object or liquid gets into the device, have the device checked by an authorized technician before continuing to use it. We recommend that you contact our service center.

Packing material: Keep children away from packaging material. There is danger of suffocation.

Cleaning and care: Always store the device in a clean, dry place when not in use. Use a dry, soft cloth to clean the exterior surfaces.

Interference by wireless transmission: The device operates at a frequency of 2468 MHz. This frequency can also be used by other devices that transmit video wireless. It can thus come in individual cases to disturbances.

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

Enjoy your product * Share your experience and opinion on one of the well-known internet portals.