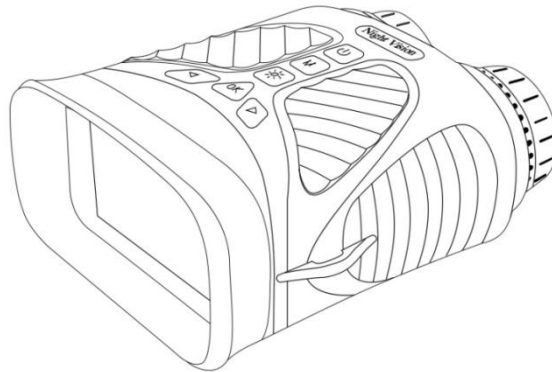


Night Vision Device TX-257

Before using the appliance for the first time, please read the instructions for use and safety information carefully.



This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capacities, or by persons lacking in experience or knowledge, unless they are supervised or instructed on the use of this device by a person responsible for their safety. Children should be supervised to ensure they do not play with this device.

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.

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

Specifications are subject to change without notice - please be sure to use the latest manual available on the manufacturer's website.

Table of Contents

Hints	2	Install Micro SD Card	7
Safety instructions	2	Charging.....	8
Safety rules for rechargeable batteries.....	3	Connect to a computer.....	8
Warnings	4	Turn device On/Off.....	8
Notes on data protection	4	Setting up your device.....	8
Disclaimer.....	5	Taking photos.....	8
Features	5	Taking video:	9
Product overview.....	6	Using Playback mode:.....	9
Button instructions.....	7	Set-up Menu.....	10
Button operation.....	7	Technical Specifications.....	11
Display Icons	7	Support.....	12
General information.....	7	Care and maintenance	12
Install Battery	7	Declaration of Conformity.....	12
		Disposal.....	12

Hints

● Only use the product for purposes due to its intended function ● Do not damage the product. Following cases may damage the product: Incorrect voltage, accidents (including liquid or moisture), misuse or abuse of the product, faulty or improper installation, mains supply problems including power spikes or lightning damage, infestation by insects, tampering or modification of the product by persons other than authorized service personnel, exposure to abnormally corrosive materials, insertion of foreign objects into the unit, used with accessories not preapproved. ● Refer to and heed all warnings and precautions in the user manual.

Safety instructions

- The product is intended for the recording of digital photos and videos. It is intended for use by private individuals.
- Never touch the product with wet or damp hands.
- The product can only be operated with the voltage described on the interior panel.
- Do not place the product on an unstable surface. The unit could be damaged or persons could be injured. Any attachments should be made only in accordance with the manufacturer's instructions or obtained from the manufacturer.
- The cable is sheathed and insulates the current. Do not place any objects on the cable, as this could cause the protective function to be lost. Avoid placing excessive stress on the cable, especially at sockets and plugs.

- If you want to pull the plug out of the socket, always pull on the plug and not on the cable. The cable could otherwise break.
- Do not overload wall outlets, extension cords, or other wiring as this may result in fire or electric shock.
- Do not insert any objects into the openings of the unit, as current flows in some places and contact may cause fire or electric shock.
- Unplug the power cord from the power outlet for cleaning.
- Do not use liquid cleaners or cleaning sprays. The product may only be cleaned with a damp cloth.
- Do not connect any additional devices that are not recommended by the manufacturer.
- Do not use the product in direct sunlight or places where the temperature may exceed 50°C for a long time.

Safety rules for rechargeable batteries

The product uses rechargeable batteries and can go wherever you need them. But ALL batteries can EXPLODE, CATCH FIRE, and CAUSE BURNS if disassembled, punctured, cut, crushed, short-circuited, incinerated, or exposed to water, fire, or high temperatures, so you must handle them with care.

To use the rechargeable batteries safely, follow these guidelines:

- ALWAYS store spare batteries in a cool, dry, ventilated area.
- ALWAYS make sure that the battery compartment is clean and free of any debris before inserting new batteries.
- ALWAYS make sure the battery contacts are aligned.
- ALWAYS keep all batteries away from children.
- ALWAYS follow local waste and recycling laws when throwing used batteries away.
- ALWAYS use the product to charge the rechargeable batteries.
- NEVER place the rechargeable batteries in a pocket, purse, or other receptacle, especially those containing metal objects.
- NEVER store the rechargeable batteries with hazardous or combustible materials.
- NEVER let the rechargeable battery or battery compartment get wet - before, during, or after installation.
- NEVER disassemble, cut, crush, puncture, short-circuit, dispose of batteries in fire or water, or expose the rechargeable battery to temperatures above 50°C.

Warnings

- Do not disassemble the product, it may result in short-circuit or damage.
- Battery life-span will decrease with usage. Charge the battery at least once every month to preserve battery in the event the product is not used for long time.
- Battery warning: Improper use of the battery may cause fire or chemical burns. The battery may explode in case of damage.
- Do not modify, repair or remove without professional guidance.
- Do not use corrosive or volatile liquid for cleaning.
- Do not drop or shake the device, it may break internal circuit boards or mechanics.
- Keep the device away from little children.

Notes on data protection

- Personal rights: When setting up the camera, be sure to respect the personal rights of the people around you. Under no circumstances may you set up the camera in such a way that people who happen to enter the recording area of the camera are recorded in such a way that they can be identified in any way! This also applies to the recognizable recording of vehicle license plates.
- Do not monitor public areas: Observe all national laws and regulations regarding the legality of recording in public areas (streets, sidewalks, parking lots, etc.) by private persons. Refrain from using the camera in such an environment that is in defiance of the law.
- No workplace monitoring: Observe all national laws and regulations regarding the legality of recording at the workplace by an individual. Refrain from using the camera in the workplace in a way that is in defiance of the law. Under no circumstances may you use the camera to monitor your use the camera for employee monitoring! Surveillance in the workplace is subject to particularly strict conditions in Germany.
- Delete recordings: Photos or videos of recorded people whose consent you do not have or that have not been informed, must be deleted immediately.
- Property protection: If using the camera for property surveillance or to investigate administrative offenses or crimes, ensure that only a perpetrator and not, for example, uninvolved persons are recorded.
- Handover to investigating authorities: Only if a misdemeanor offence has been committed, you may only hand over the recordings to the investigating and only to them. The investigating authorities will then decide on the further use of the recordings.

Note: Different laws may apply depending on the federal state. Seek professional legal advice in case of doubt.

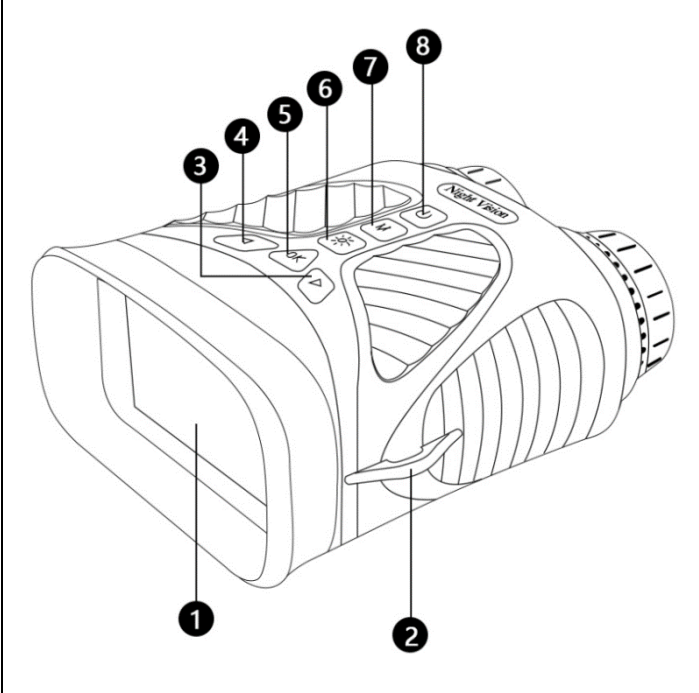
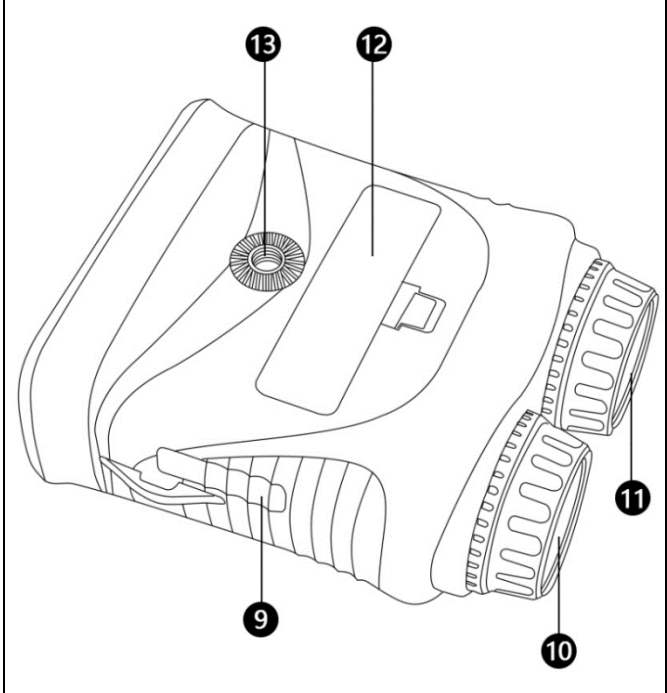






Disclaimer

● In no event shall Technaxx Deutschland be liable for any direct, indirect punitive, incidental, special consequential damage, to property or life, improper storage, whatsoever arising out of or connected with the use or misuse of their products. ● This device is NOT intended to be used for illegal surveillance purposes and shall not be used in any form as evidence for claim purpose. ● Error messages may appear depending on the environment it is used in. ● Technaxx Deutschland is not liable/responsible for non- recording of events, missing files, etc.













Features

- FullHD video resolution 1920 x 1080 with max. 30fps
- Photo resolution with max. 40MP
- Big 3" (7.62cm) IPS screen
- Viewing distance (day): 3m to 500m
- Optical magnification 4x and Digital Zoom 8x
- Viewing angle 10° horizontal & 7,6° vertical
- 1x IR LED 3W red glow (850nm) up to ~150m for B/W night vision
- IR LED adjustment in 3 levels
- Battery operated, exchangeable rechargeable lithium battery 2500mAh (up to 6hours)
- Silicon buttons with backlight, easy to handle in darkness
- Supports MicroSD(HC/XC) cards up to 32GB (Class 10)





Product overview

Front		Back	
			
1	Display	8	Power ON/OFF 
2	Strap Hook	9	Type-C USB Port / Micro SD card Slot
3	Up Button / Zoom- 	10	Focus Ring
4	Down Button / Zoom+ 	11	IR Light
5	OK Button 	12	Battery Cover
6	IR Light button 	13	Tripod hole
7	Menu / Mode Button 		

Button instructions

Button operation		
	Press and hold the Zoom+ button for digital zoom in	Zoom in
	Press the Zoom+ button to turn the exposure down	EV down
	Press the Zoom+ button in menu settings for down	Menu down
	Press and hold the Zoom- button for digital zoom out	Zoom out
	Press the Zoom- button to turn the exposure up	EV up
	Press the Zoom- button in menu settings for up	Menu up
	Press the OK button to confirm the value in the menu	Confirm
	Press the IR Light button to set the IR intensity	IR level 1-3
	Press and hold the Menu button to open the settings	Open settings
	Press the Menu button to change between Modes (Photo, Video, Playback)	Change Modes
	Press and hold the on/off button until display turns on	Power on
	Press and hold the on/off button until display turns off	Power off

Display Icons

	Photo / Video / Playback mode
	MicroSD inserted; Storage size
	No MicroSD inserted
40MP / 1080FHD	Set photo resolution / Set video resolution
2781 / 00:41:52	Number of photos that can be taken / Left over video recording time
2023/09/14 15:03:33	Date and time
EV-A; EV1-9	Exposure value: EV-A automatic set; EV1-9 manual set
1.0X	Digital zoom
	Battery status

General information

Install Battery

Remove the Battery Compartment Cover cap. Insert battery. Take care of the polarity.

Install Micro SD Card

- Open the rubber cap covering the USB Port and Micro SD Slot, and insert a micro SD card (up to 32 GB, class 10 or greater for best results with video files) into the Micro SD Slot (metal contacts facing down, see card icon right of slot for correct orientation).

- If you will only use Night Vision Binocular for “live” viewing and do not wish to use it for photos/videos, the unit will function normally without a card.

Charging

- Connect the camera to an USB adaptor* (*not included), using the dedicated USB cable supplied.
- The camera can be charged by connecting the camera to a computer using the dedicated USB cable, charging will take longer.

Note: First charging takes about 3h.

Connect to a computer

Connect the camera to PC by using USB cable and turn on the camera, the PC can read the files in this camera.

Turn device On/Off


Press and hold the Power button until the screen on/off.

WARNING: NEVER LOOK AT THE SUN THROUGH THIS NIGHT VISION DEVICE (OR ANY OTHER OPTICAL INSTRUMENT). IT MAY PERMANENTLY DAMAGE YOUR EYES AS WELL AS THE DEVICE.

Setting up your device


1. Press and hold the power button (8) for three seconds to turn on.
2. Look at the LCD viewing screen.
3. Adjust the sharpness by turning the focus ring (10) in either direction until it becomes clear.
4. Digital zoom up to 8x by pressing and holding the Zoom+ button (4) until you reach your desired level. If you keep pressing the Zoom- button (3), you will zoom down to the default of 1.0X.
5. When using at night, the lens should automatically adjust to the brightness level. Tap the IR light button (6) to adjust the IR brightness from levels 1-3.

Taking photos


1. When you power on your device, it will automatically start in Photo Mode. You should see the camera icon  in the upper left corner of your LCD screen. If you do not see the camera icon, short press the Menu/Mode button (7) until it appears.
2. Adjust the sharpness by turning the focus ring (10) and for nighttime use, adjust the brightness by pressing the IR light button (6).

3. Press the OK button (5) to capture the image.

Taking video:

1. With the power on, short press the Menu/Mode button (7) until you see the video icon  in the upper left corner of your screen.
2. Adjust the sharpness by turning the focus ring (10) and for nighttime use, adjust the brightness by Pressing the IR light button (6).
3. Press the OK button (5) to capture the video. Press OK button (5) again to stop the recording.

Using Playback mode:

1. With the power on, press the Menu/Mode button (7) until you see the playback icon  in the upper left corner of your screen.
2. The last file that has been saved will be displayed on the LCD screen. If it is a photo, the file suffix JPG will appear in the upper middle of the screen. For a video, the file suffix AVI will appear in the upper middle of the screen.
3. Use the Up (3) and Down buttons (4) to navigate through the saved files on your SD card.
4. Hold the Menu/Mode button (7) to enter the menu of Delete, OK, or Cancel. Use the Up (3) and Down buttons (4) to navigate the choices and press the OK button (5) to confirm.

Set-up Menu

Pressing and holding the Menu button (7) will take you to the small set-up menu. Here you can set the photo resolution, video resolution, date, backlight and Language. Once in the set-up menu, you can use the Up (3) and Down buttons (4) to enter and exit a sub-menu. Within a sub-menu, you can scroll from one item to another using the Up (3) and Down buttons (4). The OK button (5) is for confirmation.

Photo size	40MP, 30MP, 25MP, 20MP, 10MP, 8MP, 5MP, 3MP
Self Timer	Off, 2s, 5s, 10s
Photo burst	Off, 3photos
Video size	2.5k UHD, 1080p FHD, 1080p, 720p
Loop recording	Off, 1minute, 2Minutes, 3Minutes, 5Minutes
Video rate	Normal, Slow (slow motion), Fast (time lapse)
Time stamp	Off, On
Screen brightness	1-8
Screen saver	Off, 1minute, 2Minutes, 3Minutes
Auto power off	Off, 1minute, 3Minutes, 5Minutes
Language	English, French, German, Italian, Spanish, Czech, Polish, Dutch, Swedish, Finish, Danish
Format card	Cancel, Format
Date/Time set	Set date and time; Set date format YY/MM/DD, MM/DD/YY, DD/MM/YY
Restore default	Cancel, OK
Version	Device version

Technical Specifications

Image sensor	1.3MP 1/3" CMOS
Lens	f=25mm, F/NO1.2, FOV=10°
Optical Magnification	4x
Digital Zoom	8x
Camera viewing angle	horizontal: 11°/ vertical: 7.6°
Display size	3" (7.62cm) IPS screen
Max. Viewing Distance (day):	Up to 500m (color)
Max. Viewing Distance (night):	Up to 150m (Black & White)
Day & Night	IR-cut double filter automatic switching
Minimum illumination	Color mode: 1 Lux; Night mode: 0.1 Lux with 1x IR LED
IR distance	up to 150m (3W, 850nm)
Video resolution	2.5k UHD(2560x1440), 1080p FHD(1920x1080), 1080p(1920x1080), 720p(1280x720)
Video frame rate	30fps
Video file format	.AVI
Video compression	H.264
Photo resolution	40MP, 30MP, 25MP, 20MP, 10MP, 8MP, 5MP, 3MP
Photo file format	.JPG
Storage	Supports MicroSD(HC/XC) cards up to 32GB (FAT32) (class10)
File size	Night; B/W: 60-70MB/min (32GB = 5.5h continuous recording) Day; color: 180-190MB/min (32GB = 2h continuous recording)
Power consumption	Normal mode ≤ 2W / Sleep mode ≤ 0.1W
External charger	USB-C port: 5V / 1A (not included))
Battery	Exchangeable Lithium ion battery 3.7V, 2500mAh
Working time	Up to 3h (continuous video recording under IR Level 3-night mode) depending on the usage
Standby time	Up to 3months
Charging time	Up to 3h (using a USB Power adapter with DC5V/1A)
Working temperature	-30 - +55°C
Device language	English, French, German, Italian, Spanish, Czech, Polish, Dutch, Swedish, Finish, Danish
Weight / Dimension	Camera: 330g / (L) 14.0 x (W) 12.4 x (H) 6.0cm
Package contents	1x Night Vision Device TX-257, 1x Type-C USB Cable (0.8m), 1x Storage Pouch, 1x Lanyard, 1x Micro SD Card Reader, 1x Cloth, 1x User Manual

Support

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**

The support hotline is available Mon-Fri from 9am to 1pm & 2pm to 5pm

Care and maintenance

Clean the device only with a dry or slightly damp, lint-free cloth.

Do not use abrasive cleaners to clean the device.

This device is a high-precision optical instrument, so in order to avoid damage, please avoid the following practice:

- Use the device in ultra-high or ultra-low temperature.
- Deliver or use it in strongly shocking environment.

Declaration of Conformity



The EU Declaration of Conformity can be requested at the following address: www.technaxx.de/ (in the lower bar "Declaration of Conformity").

Disposal



Disposal of the packaging. Sort packaging materials by type upon disposal.

Dispose of cardboard and paperboard in the waste paper. Foils should be submitted for recyclables collection.



Disposing of old equipment (Applies in the European Union and other European countries with separate collection (collection of recyclable materials) Old equipment must not be disposed of with household waste! Every consumer is required by law to dispose of old devices that can no longer be used separately from household waste, e.g. at a collection point in his or her municipality or district. This ensures that the old devices are properly recycled and that negative effects on the environment are avoided. For this reason, electrical devices are marked with the symbol shown here.



Batteries and rechargeable batteries must not be disposed of in household waste! As a consumer, you are required by law to dispose of all batteries and rechargeable batteries, whether they contain harmful substances* or not, at a collection point in your community/city or with a retailer, to ensure that the batteries can be disposed of in an environmentally friendly manner. * marked with: Cd = cadmium, Hg = mercury, Pb = lead. Return your product to your collection point with the fully discharged battery installed inside!

Made in China

Distributed by:
Technaxx Deutschland GmbH & Co. KG
Konrad-Zuse-Ring 16-18,
61137 Schöneck, Germany

Night Vision Device TX-257