VIP Pen FullHD 8GB TX-112

**Ballpoint pen usable as Video Interview Pen
with camera & microphone**

The Declaration of Conformity for this device is under the Internet link: **www.technaxx.de/** (in bottom bar "Konformitätserklärung"). Before using the device the first time, please 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**
The support hotline is available Mon-Fri from 9 am to 1 pm & 2 pm to 5 pm

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!

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

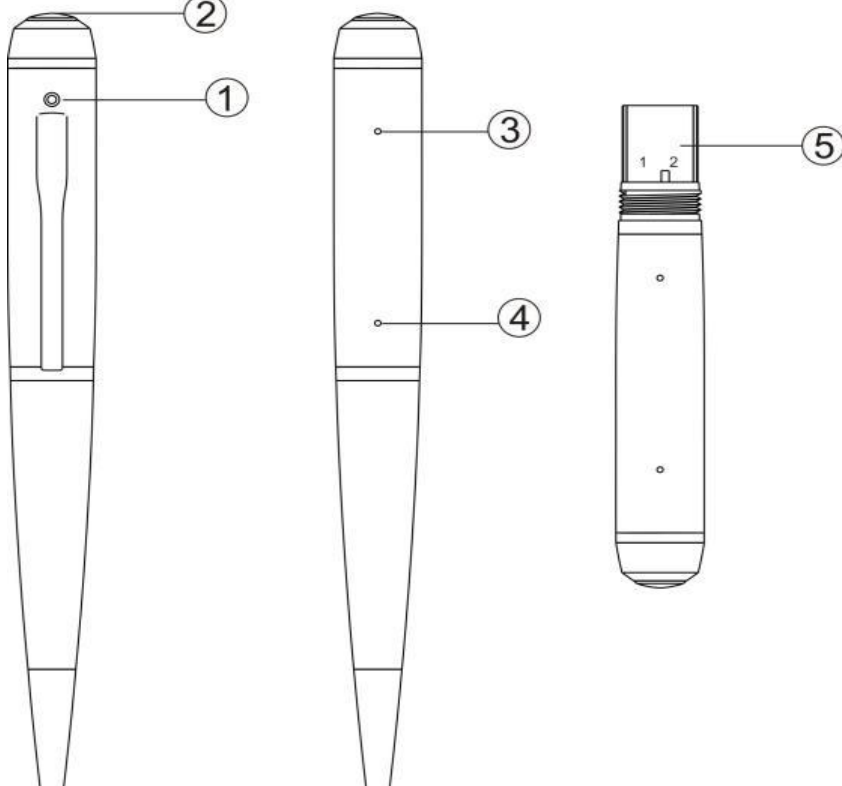*Enjoy your product. Share your experience and opinion on one of the well-known internet portals.*

Features

● Built-in 1MP camera for video recordings or photos
● Photos with 2048x1536 pixel resolution
● FullHD video recording 1920x1080 (interpolated) with 30fps
● Built-in microphone for audio/voice recordings
● Perfect for covert recordings & portable surveillance camera (designed as full ballpoint pen function with retractable tip)
● 200mAh battery for approx. 50–60 minutes non-stop recording
● Built-in 8GB storage (FAT32)
● Charging and data transfer via USB
● Plug & Play, connection via USB (driver-free)

Technical specifications

Camera	1/3.2" CMOS 1MP; Lens 9712
Video resolution	FullHD 1920x1080 (interpolated) with 30fps
Photo resolution	2048x1536 pixel
Camera angle	75° horizontal
File size	160–170MB min. (8GB = 45 min.)
Internal storage	8GB (FAT32); MicroSD cards up to 32GB
Format video / photo / audio	AVI / JPG / WAV
Recording time	Video ~50-60 min. / Audio ~50-60 min.
Power supply	Built-in rechargeable lithium polymer battery 200mAh 3.7V
Charging time	~2-3 hours
Playback software	VLC Player /Windows Media player
Operating systems	Windows 7 / 8 / 10 & Mac OS
Working temperature	0°C up to +40°C
Material	Metal & ABS
Weight / Dimensions	35g / (L) 14.2x (W) 1.8cm with clip
Package contents	VIP Pen FullHD 8GB TX-112, 1x USB cable, User Manual

Product view

1	Camera
2	Power On/Off & Start key
3	Indicator LED
4	Reset hole
5	Mode switch 1) Audio & photo 2) Video - USB port for charging and data transfer - MicroSD card slot (8GB preinstalled)

Use of the device

→ Charging

Before first use, connect the USB port of the charging cable to the TX-112. Then connect the USB port of the charging cable to the USB port of an AC adapter* (*not included) or to the USB port of a computer. During charging the yellow LED is flashing. When it is fully charged, yellow LED will steady on.

Note: the camera is provided with the built-in hi-capacity lithium battery. The battery has no memory effect and can be charged at anytime, but it has to be charged fully after having been used up for the first five times of charging so as to activate the maximum capacity of the battery and obtain the standard operating time.

→ Internal storage

Since the TX-112 uses a built-in memory card (MicroSD), it is not recommended to remove or replace other memory cards.

→ Before Operating video, audio, photo or data transfer

Note: If you'd want to take videos on powering on, please check whether the change-over switch is on video status. For each power on, the unit enters into the initialization state. During the process of initialization, the system is busy, please don't operate other functions. If press the button repeatedly, or connect the unit with a computer. The time of initialization is a little different in the units with different memories.

→ Audio and Photo recording

Start Audio recording

Set operation switch to position 1, long press power key, blue LED will turn on. Yellow LED flashes 2 times and TX-112 starts audio recording automatically. Short press power key again, the audio will be saved and TX-112 will go into standby mode.

To record a new audio long press the power key again. The yellow LED flashes 2 times and turns off. A new audio recording starts.

Take a photo

You only can take a photo, when you have done an audio recording before. Then short press the button once after saving the audio file.

The blue indicator flashes once, it means a photo has been taken and saved, the unit is still in the mode of photo.
Note: It will take some time to save a file. The interval to press the button shall not be too short for continuous photos.

→ **Video recording**
Set operation switch to position 2, long press power key, yellow LED will turn on. Blue LED flashes 2 times and TX-112 starts video recording automatically. Short press power key again, the video will be saved and TX-112 will go into standby mode. The yellow LED will turn on. If you want to record again just short press the power key.

Note:
a. If the battery is low in working, the camera will save the file and turn off automatically; please charge.
b. For continuous recording, the camera will save the file once after each 15min and keep recording until the battery is used up or the camera is turned off manually.
c. The loop operation of each starting and stopping of recording will generate a new video file.
d. It will take some time to save a file, please do not operate it during the process when the indicator is changed from blue to yellow. For example, press the button repeatedly, connect it with a computer. Those operations will lead to fail in saving the recorded file, or the camera does not react to your operation anymore.
e. Please use it under a condition with sufficient illumination and keep its body straight and stable. Keep 30cm between the camera and the object in taking photos, ensuring the correct direction, natural color, clear image and stable picture of a recording.
f. After 1 minute without any operation (standby) the TX-112 will automatically power off.

→ **Recording while charging**
5 seconds after connecting to the adapter or a computer USB, the adapter goes into standby mode. Then same operation like normal using.

→ Turn off camera
Set operation switch to position 2. Under standby mode, long press power key, all LEDs turns off. The TX-112 turns off.

→ Connecting with PC
Power off the device then connect it with PC using USB cable. Do not have any operation on the device during this connection. If the device is not read by PC, please re-connect and make sure the USB driver/cable is alright.
Note: It will take a little longer time for the computer to identify the USB Disc according to the computer configuration and system difference. Wait patiently, meanwhile, don't press the button during in waiting time so as not to interfere the computer to identify the hardware. If the USB Disc cannot be identified over a longer time, try to insert the disc again. If the disc cannot be identified again, then you have to confirm if the operating system, driver, USB interface and connection line are normal; when you unload the unit, you'd better to operate as required by the normal procedures so as not to cause any damage to the camera or the computer.

→ Reset
To reset camera, insert a toothpick or other nonmetal hard thin stick into the reset position and press down lightly for reset. After reset, the unit is in the turnoff status.
Note: When the unit stops reacting due to illegal operation or other reasons, it shall be reset. For reset, please press down with a moderate force and do not press down too forcibly or damage of other parts may happen. When you feel something is pressed down, it means the unit is reset successfully.

→ Set Date and Time stamp
The date and time will be revised for video in next recording.

→ Plug in the USB cable to the camera and to the computer.
→→ Go to <My Computer> or Computer or Explorer (for Windows).
→→→ The camera will be recognized as removable Disk Drive.
→→→→ Double left click on removable Disk Drive and it will bring up the Video folder. DO NOT OPEN IT!

→→→→Edit the text document named "time" by double left click on the "time.txt" document.

→→→→→ Fill in the current Day-Month-Year Hour:Minute:Seconds [eg: 31-12-2021 12:59:59] ,Go to File and Save, then close file.

Power off the TX-112 and restart. The device now has the current date and the current time.

FAQs

Q1: What happens to my recordings when the battery goes out of charge? **A1:** Before the TX-112 pen goes off, all recordings are saved automatically.

Q2: What can I do when the TX-112 pen shows no reaction, e.g. when buttons are pressed? **A2:** Press the RESET button; then turn ON the TX-112 again.

Q3: How can I delete files from the internal memory of the TX-112? **A3:** Delete single files on your PC/Notebook or format (FAT32) the whole internal memory of the TX-112.

Important Hints

(1) Do <u>NOT</u> press the RESET button while recording; this stops the recording and recorded data is deleted.
(2) Always charge the battery after usage.

Precautions

● Applicable occasions: you have to abide by the applicable national laws and regulations. This product shall not be applied to other illegal purposes or you shall be responsible for the consequence thereof.

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. ● Use it under normal temperature and normal humidity. ● Do not put it in a moist working environment since it is not waterproof. ● Do not use it directly against strong light, to avoid damage optical device. ● Do not use under high dust density environment, to avoid the lens and other components stain dust and affect the camera quality. ● Do not make its strong shock, vibration, do not use under high magnetic field. ● Keep the device away from little children.

Disposal
Waste electrical equipment from private households

● If you no longer have any use for the device, hand it in free of charge at a public collection point designated for old electrical devices. ● Under no circumstances should old electrical equipment be disposed of in the residual waste.

Further notes on disposal

● Always return the old electrical equipment in such a way that its subsequent reuse or recycling is not impaired. Batteries must be removed beforehand and damage to containers containing liquids must be avoided.
● Waste electrical equipment may contain harmful substances. If the device is handled improperly or damaged, this may result in damage to health or contamination of water and soil during subsequent recycling.

Products marked with this symbol meet all applicable community regulations of the European Economic Area. Technaxx Deutschland GmbH & Co KG has issued a "declaration of conformity" in accordance with the applicable directives and relevant standards. has been created. This can be viewed at any time upon request.

Security and Disposal Hints for Batteries: Hold children off batteries. When a child swallowed a battery go to a doctors place or bring the child into a hospital promptly! Look for the right polarity (+) and (–) of batteries! Always change all batteries. Never use old and new batteries or batteries of different types together. Never short, open, deform or load up batteries! **Risk of injury!** Never throw batteries into fire! **Risk of explosion**!

Batteries can be returned free of charge after use in retail stores. The end user is legally obliged to return used batteries. Separate collection and recycling of old batteries for the environment and health. Remove batteries before disposing of the device.

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. **Important Notice:** Should battery fluid leak from a battery, wipe the battery case with a soft cloth dry. **Distributor:** Technaxx Deutschland GmbH & Co.KG, Konrad-Zuse-Ring 16-18, 61137 Schöneck, Germany