

NEXTECH

QC8100



Miniature DV Camera

Instruction Manual

FEATURES

- FULL HD 1080P
- Compact design
- IR LEDs for low light recording
- Full-time & motion recording functions
- High resolution image function
- Supports video out (via USB)
- Built-in lithium battery

PRODUCT DIAGRAM



1. ON/OFF Key
2. Mode Key
3. Infrared Lamp

4. LED Indicator
5. Ultra-wide Angle
6. MicroSD Card Port

7. Mini USB Port
8. Rest Port
9. Sling

OPERATION INSTRUCTION

Charging

Please charge the device before use, as it has a built-in rechargeable lithium battery. It can be charged in the following ways:

1. Connect computer to charge via a USB cable.
2. Via a USB 5V adapter or a power bank, even while recording.
3. The red light flashes while charging. A solid red light indicates charging is complete. (Please charge for an additional 30 minutes after the red light turns solid to ensure the battery is 100% full.)

NOTE: When the battery is low, or the card is full, the DV's red and blue lights will flash for 5 seconds, then the device will enter protection mode (saving the file and automatically shutting down). The recording file will be saved. At this point, please charge the unit promptly.

NOTE: If turned on without a card installed, the red and blue lights will flash for 5 seconds before the device shuts down automatically.

NOTE: If there is no operation for 1 minute after being turned on, the device will shut down automatically.

One cable with three functions

USB with TV cable

1. Connects to a computer for charging and data transmission between the computer and the device.
2. Plugs into TV OUT to display on a monitor.
3. Connects to a 5V charger while recording.

720p Video Recording Without Flashing

Hold down the ON/OFF button for 1 second to turn on the device. The blue light will turn solid, indicating that the device is in 720p recording mode.

Record 720p Video

After turning on the device and entering 720p recording mode, press the ON/OFF button to start recording. The blue light will turn off. Press the power button again to stop recording; the blue light will turn back on, indicating that the device is in standby mode for 720p recording.

1080p Video Recording Without Flashing

In 720p recording mode, press the Mode button once. Both red and blue lights will turn solid, indicating that the device is in 1080p recording mode. Press the ON/OFF button again; the red light will flash 3 times while the blue light remains solid, and then both lights will turn off. This indicates that 1080p video recording has begun. Press the power button again to stop recording; both red and blue lights will turn back on, indicating that the device is in standby mode for 1080p recording.

NOTE: All recordings will be stored as a series of 5-minute video files and will utilise loop recording.

Image Capture Mode

After turning on the device, press the Mode button twice to enter capture mode, indicated by the red light being solid. Each press of the ON/OFF button will take a photo, with the red light flashing once simultaneously. The image will be stored automatically.

Infrared Lamp On and Off

On: When in any standby mode, hold down the ON/OFF button for 2 seconds. The red light will flash twice, indicating that the infrared night vision lamp is on and the device can now record in night vision mode.

Off: When in any standby mode, hold down the ON/OFF button for 2 seconds. The red light will flash three times, indicating that the infrared night vision lamp is off.

Motion Detecting Mode (720P-1080P)

720p Motion Detecting: In blue light standby mode, hold down the mode key for 3 seconds. The red light flashes three times then goes off. This indicates that motion detecting video mode is enabled. When motion is detected, both red and blue lights flashing mean 720p motion recording.

1080p Motion Detecting: In the red and blue lights standby mode, hold down the mode button for 3 seconds. The red light flashes three times then goes off. This indicates that motion detecting video mode is enabled. When motion is detected, red and blue lights flashing mean 1080p motion recording.

NOTE: All recordings mentioned above will be stored in a series of 5-minute video files and will utilise loop recording. Pressing any button will cancel motion detection recording.

Filling Record

With a MicroSD card installed, connecting to an external USB 5V power supply will automatically initiate 720p video recording. Recording will continue until the MicroSD card is full, power supply is cut off, or any manual operation interrupts the process.

TV OUT Mode

By connecting to a TV via the USB TV cable, the device can be operated to take photos and videos, as well as initiate motion detection recording as described above.

Reset

To reset the device, use a pin to press the button inside the Reset port.

Power Off

In any standby mode (video, pictures, motion detecting), hold down the ON/OFF button for approximately 6 seconds to shut down the device. Alternatively, the device will automatically shut down after one minute if there is no operation in any standby mode.

Edit Time Watermark on Recording

The device will automatically generate a TXT file in the MicroSD root directory. Connect the device to a computer via a USB cable and open the TIMEREST.txt file on the removable disk. This file is editable to customize the preferred time format and choose whether to include or exclude the time watermark on the recording. Follow the format below:

1. 20150608192526 Y (time watermark display)
2. 20150608192526 N (no time watermark display)

NOTE: Please ensure a Micro SD card is installed, as the device cannot function normally without it. For correct and clear pictures or stable recording, it is recommended to use the product in sufficient lighting conditions.

NOTE: Maintain a distance of more than 50cm between the camera and objects for optimal results.

Connect to Computer

The device can be directly connected to the computer and used as a USB disk.

NOTE: If the computer fails to identify the device or if the removable disk logo does not appear within 30 seconds of connection, please reset and plug it in again. We recommend using a card reader to directly read the video files for playback. Alternatively, you can play the videos directly by connecting via USB. In some cases, playing videos from the device's built-in memory may result in playback issues due to large data volume exceeding the transport capabilities, leading to playback not being smooth.

WARNING & SAFETY INFORMATION

- Product should not be used in extreme temperature conditions.
- Product is not waterproof & should not be used in wet or rainy conditions.
- The product should not be pointed towards bright sources, for example directly into the sun.
- Do not use in excessive dust density environment as it may impact the performance of the product.

SPECIFICATIONS

Video Format	AVI
Video Coding	M-JPEG
Video Resolution	1280 x 720P / 1920 x 1080P
Video Frame Rate	30 fps
Picture Format	JPG
Image Proportion	16:9
Viewing Angle	140
Working Time	Up to 1.5 hours in constant recording mode Up to 5 hours in motion sensor mode
Charging Voltage	5VDC
Interface Type	Mini USB
Storage Support	microSD cards up to 32GB (not included)
Battery Type	Li-ion
Battery Capacity	200mAh

NOTE: After each use and battery recharge, it takes approximately 2-3 hours to completely fill the battery. Additionally, after each full charge, both the red and blue lights will illuminate for 30 minutes. We recommend utilising the battery until it's fully drained after each charge.

NOTE: Product will become warm during use & is completely normal operation.

WARRANTY INFORMATION

Our product is guaranteed to be free from manufacturing defects for a period of 12 Months.

If your product becomes defective during this period, Electus Distribution will repair, replace, or refund where a product is faulty; or not fit for intended purpose.

This warranty will not cover modified product; misuse or abuse of the product contrary to user instructions or packaging label; change of mind and normal wear and tear.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and failure does not amount to a major failure.

To claim warranty, please contact the place of purchase. You will need to show receipt or other proof of purchase. Additional information may be required to process your claim.

Any expenses relating to the return of your product to the store will normally have to be paid by you.

The benefits to the customer given by this warranty are in addition to other rights and remedies of the Australian Consumer Law in relation to the goods or services to which this warranty relates.

This warranty is provided by:

Electus Distribution

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