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Qcam QSD-721 User Manual

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Welcome

Thank you for purchasing our Qcam QSD-721 Camera!

This user manual is designed to be a reference tool for the installation and operation of your Qcam Camera.

Here you can find information about the camera's features and functions, as well as information to aid in troubleshooting.

Important Safeguards and Warnings

1．**Electrical Safety**
All installation and operation should conform to your local electrical safety codes.
The product must be grounded to reduce the risk of electric shock.
We assume no liability or responsibility for any fires or electrical shock caused by improper handling or installation.

2．**Transportation Security**
Heavy stress, violent vibrations, and excess moisture should not occur during transportation, storage, and installation of the device.

3．**Installation**
Handle the device with care.

4．**Repair Professionals**
All the examination and repair work should be done by qualified service engineers.
We are not liable for any problems caused by unauthorized modifications or user-attempted repair.

5．**Environment**
The camera should be kept in a cool, dry place away from direct sunlight, flammable materials, explosive substances, etc.
This product should be transported, stored, and used only in the specified environments as stated above.
Do not aim the camera at a strong light source, as it may cause overexposure of the picture, and may affect the longevity of the camera's sensors.
Ensure that the camera is in a well ventilated area to prevent overheating.

6. **Operation and Maintenance**
Do not touch the camera sensor or lens directly.
To clean dust or dirt off of the lens, use an air blower or a microfiber cloth.

7. **Accessories**
Be sure to use only the accessories recommended by manufacturer.
Before installation, please open the package and check to ensure that all of the components are present.
Contact the retailer that you purchased from, or Amcrest directly if anything is broken or missing in the package.

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1. Overview

Congratulations on your purchase of the Qcam QSD-721 wide angle HD intelligent security camcorder! The Qcam QSD-721 is an intelligent security camcorder with a rotatable 160degree camera and multiple triggering methods including multi auto on/off modes. The camcorder comes with a built-in rechargeable battery which can record up to 10 hours continuous video during typical use and standby for more than 4 months when vibration triggering is enabled. By plugging in the 5V DC adapter, it can achieve 64 hours of looped recording for surveillance use.*

* Actual life and performance may vary depending upon usage and settings; battery not replaceable.
NOTE: For video tutorials on your Spy Cam DVR and its widget please visit: qcam.com/qsdsupport

2. Features

Circular recording – Also known as "loop recording". Overwrites the oldest recordings first once memory card is full.
Time stamp – Inserts a time stamp onto the video.
Scheduled recording - set the time to automatically turn on / off recording, 7-day circular.
Vibration-trigger recording – Select this to record only when vibration is detected.
Motion-trigger recording – Select this to record only when motion is detected.
Voice-trigger recording – Select this to record only when voice/talk is detected.
Auto on/off mode – Select different auto on/off scenarios.
Selectable day/night mode – Select **day mode** or **night mode** to suit your environment.
Auto gapless split file – Splits files without gaps at every 10 / 15 / 20 minutes of recording.
Orientation – Inverts the camera orientation for use when the camcorder is turned upside-down.
Selectable resolution – Select a resolution of 1280x720(720p) or 640x360(360p) video and sound.
Frame rate adjustment – Adjust or lower the frame rate to save memory space.
Configurable video quality – high / medium / low
Support max 64GB microSD (TF) card (for better performance, use a card with class 4 or above and format the card before usage. Check the following link for more information: qcam.com/qsdsupport

3. Minimum System Requirements

Windows 2000, XP, Vista, 7, 8, Mac OS X (mass storage class)
Windows Media Player 9
Intel Pentium class computer
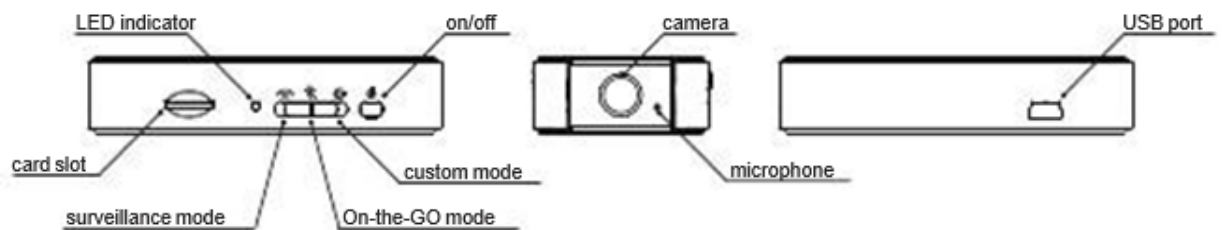USB 2.0 port for hi-speed transfers and charging

QCAM

4. Package Contents

Please unpack your intelligent security camcorder and check that the following were included: Qcam QSD-721 intelligent security camcorder

5V DC Adapter
USB 2.0 Cable
User Manual
Quick Start Guide

5. Qcam QSD-721 at a glance

NOTE: For video tutorials on your Spy Cam DVR and its widget please visit: qcam.com/qsdsupport

6.Charging

The camcorder comes with an internal rechargeable battery. When using the camcorder for the first time, or if you are using it after a long period of non-usage, remember to fully charge the battery for at least 6 hours and resync the time by using the Qcam widget (see section "PC Software Widget"). You can charge your camcorder using the USB port of your computer, the included DC adapter, or using a car adapter that you already may own.

To charge the battery through a USB port, connect the USB cable to the USB port of the computer and connect the opposite end of the USB cable to the QSD-721. For details, please see the status below. The QSD-721 will function as a mass storage device, you will not be able to record video at this while connected to the computer.

To charge the battery through a DC adapter or car adapter, connect the DC adapter or car adapter to a power outlet/supply and to the QSD-721 to begin charging. For details, please see the Status section below. Moreover, you will also be able to record video while charging from a standard power outlet or car power supply, depending on the mode you set.

QCAM

7. Recording

The power button is located on the right side of the camcorder. It can turn the camcorder on or off.

7.1 Start Recording

Press and hold the Power button until the green LED is on (approximately 2 seconds), and then release the button. When you see the green LED flashing, the QSD-721 is recording. If you see otherwise, please read the **Status** section below.

7.2 Stop Recording

Press and hold the Power button until the green LED is off (for approximately 2 seconds).
WARNING: Turn off the camcorder before removing the microSD card!

8. Status

8.1 Without DC adapter

Green LED on: camcorder is booted up
Red LED on: no card, card failed, battery low, or card is full (not in circular recording)
Green LED flashing: normal recording
Green / Red LED intermittent flashing: battery low and recording

8.2 DC adapter plugged in

Orange LED on: charging but no recording
Green LED on: charging complete but no recording
Green LED flashing: charging complete and recording
Green / Orange LED intermittent flashing: charging and recording
Red LED on: no card, card fail or card full (not in circular recording)

8.3 Connected to computer

Orange LED on: charging
Green LED on: charging complete

QCAM

9. Mode switch

Switch between surveillance, on-the-go and custom mode. Default settings are listed in the chart following chart with parentheses.
Note: For custom mode configuration, please use the included software Widget to change the settings. The widget can be downloaded from qcam.com/qsdsupport
To begin a custom configuration, please place the mode switch to the "custom mode" position before powering up the QSD-721 and connecting it to your computer.

	Surveillance	On-the-GO	Custom (default)
Video Quality	High	High	(High) / Medium / Low
Resolution	640x360	1280x720	1280x720 / (640x360)
Frame Rate	High	High	(High) / Low
Indoor Lighting Condition	50Hz	50Hz	(50Hz) / 60Hz
Day / Night Mode	Day mode	Day mode	(Day mode) / Night mode / Auto switching
Orientation	Normal	Normal	(Normal) / Up-side-down
Time Stamp	Enable	Enable	(Enable) / Disable
Circular Recording	Enable	Enable	(Enable) / Disable
Split File Time (min)	20	15	10 / (15) / 20
Mic	Enable	Enable	(Enable) / Disable
LED On / Off	On	On	(On) / Off
Voice-Trigger Sensitivity	Disable	Disable	High / Medium / Low / (Disable)
Vibration-Trigger Sensitivity	Disable	Disable	High / (Medium) / Low / Disable
Vibration Standby Mode	N/A	N/A	Fast Wake Up / (Power Saving)
Motion-Trigger Sensitivity	Disable	Medium	High / Medium / Low / (Disable)
Auto On / Off	Disable	Disable	Scheduled Recording / Car-activate Recording / Car-stop Recording / Car-activate and Car-stop Recording / (Disable)

When the QSD-721 is connected to the lighter through the 5V car adapter and the auto on /off mode is selected: Car-activated Recording: Auto-starts recording once the car is started, auto-stops recording when car is stopped. Car-stop Recording: Auto-starts recording when car is stopped, auto-stops recording once car is started.
Car-activate and Car-stop Recording: Auto-starts recording once car is started and continues to record

QCAM

even when the car is stopped. The camcorder will need to be turned off manually when this setting is configured.

* For the longest recording time, set Video Quality to Low, Resolution to 640x360 and Frame Rate to Low. This way the QSD-721 can act as a digital voice recorder.

** If a recording is started, you cannot switch between camera modes.

*** If triggering is enabled, the QSD-721 will record for 10 seconds after powering-up. Then it will go into standby. If there is a trigger, it will begin recording and keep recording until there are no further triggers. After that, it will record for 2 more minutes and then go into standby again.

10. PC Software Widget

To synchronize the time and to customize settings, download the PC software "Widget" from the following website qcam.com/qsdsupport and follow the instructions in the software guide.

NOTE: If the time shown is year 2026 or beyond due to a loss of power Time Clock, recording time will not be shown on the video, even if the timestamp is enabled. Please use the widget to resync the time and delete files created in 2026 or beyond!

11. Connecting to computer

To connect the camcorder to your computer, follow these instructions:

1. Connect the larger end of the USB cable into an available USB port on the computer.
2. Connect the smaller end of the cable into the USB port of the camcorder.
3. The camcorder will appear in My Computer as a drive.

12. Firmware upgrades

Qcam will from time to time release new firmware for enhancements or adding new features. Visit qcam.com/qsdsupport to check on the latest firmware for your QSD-721.

13. Environmental Requirements

Storage temperature: 32˚ to 113˚F (0˚ to 45˚C) Operating temperature: 32˚ to 113˚F (0˚ to 45˚C)

14. FCC Regulation

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

QCAM

1. This device may not cause harmful interference, and
1. This device must accept any interference received, including interference that may cause undesired operation.

   This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reason- able protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in
   accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be deter- mined by turning the equipment off and then on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Increase the separation between the equipment and camcorder.
2. Connect the equipment to a different outlet so that the equipment and camcorder are on different branch circuits.
3. Consult the dealer or an experienced radio / TV technician for help

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To contact Amcrest support, please do one of the following:

- Visit http://amcrest.com/contacts and use the email form
- Call Amcrest Support using one of the following numbers
  Toll Free: (888) 212-7538
  International Callers (Outside of US): +1-713-893-8956
  USA: +1-713-893-8956
  Canada: 437-888-0177
  UK: 203-769-2757
- Email Amcrest Customer Support support@amcrest.com

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