

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [Q-See](#) /

> [Q-See QTH94-1 4-Channel 1080p HD Analog DVR User Manual](#)

Q-See QTH94-1

Q-See QTH94-1 4-Channel 1080p HD Analog DVR User Manual

Model: QTH94-1

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Q-See QTH94-1 4-Channel 1080p HD Analog Digital Video Recorder (DVR). The QTH94-1 DVR is designed to provide reliable surveillance recording with advanced features such as PIR motion detection and remote viewing capabilities. Please read this manual thoroughly before operating the device to ensure proper usage and optimal performance.

PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact Q-See customer support.

- 1 x Q-See QTH94-1 4-Channel DVR with Pre-installed 1TB Hard Drive
- 1 x Power Supply for DVR
- 1 x USB Mouse
- 1 x HDMI Cable
- 1 x Welcome Kit with Quick Start Guide

SETUP

1. Physical Connections

Before powering on the DVR, connect all necessary peripherals as described below and illustrated in the diagram.



Figure 1: QTH94-1 DVR Rear Panel Connections

This image displays the rear panel of the QTH94-1 DVR, highlighting the BNC video inputs (VIDEO IN 1-4), audio inputs (AUDIO IN 1-4) and output (AUDIO OUT), alarm ports (ALARM IN 1-4, ALARM OUT), VGA, HDMI, LAN (Ethernet), USB, and DC12V power input. Each port is clearly labeled for connection purposes.

1. **Connect Cameras:** Attach your Q-See BNC Analog HD cameras to the "VIDEO IN" ports (1-4) on the rear panel using BNC cables.
2. **Connect Monitor:** Connect a monitor to the DVR using either the HDMI or VGA port. An HDMI cable is included for convenience.
3. **Connect Mouse:** Plug the included USB mouse into one of the USB ports on the rear panel.
4. **Connect Network (Optional):** For remote viewing and network access, connect an Ethernet cable from your router to the "LAN" port on the DVR.
5. **Connect Audio (Optional):** If using cameras with audio capabilities or external microphones, connect them to the "AUDIO IN" ports. Connect speakers to the "AUDIO OUT" port if desired.
6. **Connect Power:** Plug the DVR power supply into the "DC12V" input on the rear panel, then plug the power supply into an electrical outlet. The DVR will power on automatically.

2. Initial Setup Wizard

Upon first power-on, the DVR will guide you through an initial setup wizard. Follow the on-screen prompts to configure basic settings such as language, date/time, network settings, and password creation. It is highly recommended to set a strong password for security.

OPERATING

1. Live View and Recording

After completing the initial setup, the DVR will display the live view from connected cameras. The system is configured to record continuously by default. You can access recording settings via the main menu to adjust recording schedules, motion detection settings, and video quality.

- **Recording Resolution:** Supports 1080P at 15 frames per second (fps) per channel or 720P at 30 fps per channel.
- **PIR Motion Detection:** The DVR utilizes Passive Infrared (PIR) technology to detect motion based on heat signatures, significantly reducing false alarms caused by environmental factors like wind or light changes. Configure PIR settings in the DVR menu for each channel.

2. Playback and Backup

Recorded footage can be accessed and played back through the DVR's interface. Use the USB ports to connect a

USB flash drive for backing up important video segments.

3. Remote Viewing (Qt View App)

The Q-See Qt View app allows you to connect to your DVR for instant live viewing and playback on compatible smartphones or tablets (Apple/Android mobile devices) and desktop computers (Windows/Mac). Ensure your DVR is connected to the internet via the LAN port and configured for network access.

1. Download the "Qt View" app from your device's app store or the Q-See website.
2. Follow the in-app instructions to add your DVR using its unique device ID or IP address.
3. Enter the DVR's username and password to establish a secure connection.

MAINTENANCE

- **Hard Drive Management:** The 1TB hard drive will automatically overwrite the oldest footage when full. Regularly back up critical recordings to an external USB drive.
- **Firmware Updates:** Periodically check the Q-See website for firmware updates for your QTH94-1 DVR. Firmware updates can improve performance, add features, and enhance security. Follow the instructions provided with the firmware update carefully.
- **Cleaning:** Keep the DVR free from dust and debris. Use a soft, dry cloth for cleaning. Do not use liquid cleaners or aerosols.

TROUBLESHOOTING

If you encounter issues with your QTH94-1 DVR, refer to the following common troubleshooting steps:

- **No Video Display:**
 - Ensure the monitor is powered on and correctly connected to the DVR's HDMI or VGA port.
 - Verify the input source on your monitor is set to the correct port.
 - Check camera connections and power supply.
- **Cannot Access Remotely:**
 - Confirm the DVR is connected to your network via an Ethernet cable.
 - Check network settings on the DVR to ensure it has a valid IP address.
 - Verify your router's internet connection.
 - Ensure the Qt View app is updated to the latest version and DVR details are correctly entered.
- **No Recording:**
 - Check recording schedules in the DVR menu.
 - Ensure the hard drive is detected and functioning correctly.
 - Verify camera connections and ensure they are providing a video signal.
- **False Motion Alerts:**
 - Adjust PIR sensitivity settings for the affected camera channels.
 - Ensure cameras are positioned to minimize environmental triggers (e.g., direct sunlight, moving foliage).

For further assistance, please contact Q-See Technical Support.

SPECIFICATIONS

Feature	Detail
Model Number	QTH94-1
Channels	4-Channel
Video Input	4 x BNC
Video Output	HDMI, VGA, CVBS (spot out)
Audio Input	4 x RCA
Audio Output	1 x RCA
Alarm Input	4
Alarm Output	1
Recording Resolution	1080P (15 fps per Channel), 720P (30 fps per Channel)
Hard Drive	1TB Pre-installed HDD
Connectivity	Wired (LAN), USB
Compatible Devices	Q-See QT BNC Analog HD Cameras, Smartphones, Tablets, Desktop (Windows/Mac)
Dimensions (LxWxH)	29.8 x 24.8 x 5.1 cm
Weight	2.27 kg

CAMERA COMPATIBILITY

The QTH94-1 DVR is compatible with Q-See Series QT BNC Analog HD cameras. Refer to the compatibility chart below to ensure your cameras are supported and to understand resolution and frame rate capabilities.

CAMERA MODEL NUMBER	RESOLUTION	DVR MODEL NUMBER											QTH32	QTH85	QTH165	QTH94	QTH98	QTH916	QTH932				
		QTH4	QTH8	QTH16	QTH41	QTH81	QTH161	QTH82	QTH162	QTH43 QTH44	QTH83 QTH84	QTH163 QTH164											
Analog Std.	960h	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2
QTH7211B	720p	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	3
QTH7213D	720p	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	4
QTH7212P	720p	X	X	✓	X	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
QTH8053B	1080p	X	X	X	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	6
QTH8056D	1080p	X	X	X	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	7
QTH8077BA	1080p	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	8
QTH8078DA	1080p	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	9
QTH8071B	4MP	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	10
QTH8072D	4MP	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	11
QTH8092B	2MP	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	12
QCA SERIES	720p	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	13
QCA SERIES	1080p	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	14
QTA SERIES	720p	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	15
QTA SERIES	1080p	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	16
		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	17

KEY ✓ = 30FPS ● = 30FPS @ 1080L ● = 15FPS ● = 12FPS

X = Not Compatible * = DVR requires firmware update to support PIR function with compatible PIR cameras

QTH8032 supports all QTH & QTA series cameras up to 2MP

QTH85 & QTH165 support all Analog HD & Analog cameras up to 2MP

QTH94, QTH98, QTH916, & QTH932 support all Analog HD & Analog cameras up to 2MP

NOTE: 1080L resolution is 960 x 960 2/1/18

Figure 2: Q-See DVR Compatibility Chart QT Analog HD Series

This chart illustrates the compatibility between various Q-See DVR models and different QT Analog HD Series cameras, indicating supported resolutions and frame rates. The QTH94 model is shown to be compatible with a range of 720p and 1080p cameras. A key at the bottom explains the symbols for compatibility (checkmark for 30FPS, purple checkmark for 15FPS, yellow dot for 12FPS) and non-compatibility (X).

For optimal performance, ensure your cameras are listed as compatible with the QTH94-1 model in the chart.

WARRANTY AND SUPPORT

Your Q-See QTH94-1 DVR comes with a **2-Year Q-See Warranty**. This warranty covers defects in materials and workmanship under normal use. For warranty claims or technical assistance, please contact Q-See Technical Support.

Q-See provides **24/7 Lifetime Technical Support** to assist you with any questions or issues you may encounter with your product. Refer to the Q-See website or your Welcome Kit for contact information.