



Vcore

Quick Guide

V1.0

Foreword

Thank you for choosing **Vcore** Wireless Video Transmission System, a smart device that integrates HD video transmission and image transfer. Vcore supports both wireless and wired connections to smartphones and tablets. When used with the **HollyView App**, it enables real-time HD monitoring and image transfer. Additionally, it can provide emergency charging for iPhone and iPad. Designed for video creators, photographers, and live streamers, Vcore offers a lightweight, all-in-one hardware and software solution for on-set monitoring, smart media management, and live streaming.

Key Features

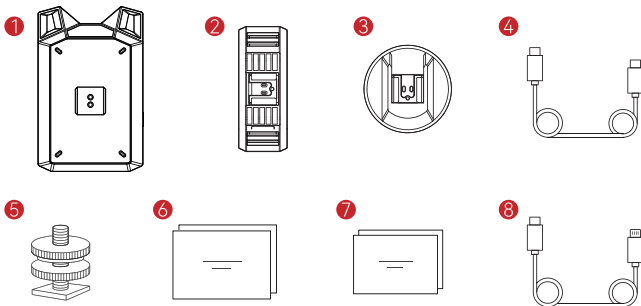
■ Key Features

- Works with the HollyView App to turn smartphones and tablets into professional wired/wireless monitoring devices.
- Supports up to 4K30 input/output, input supports fractional frame rates and 8/10-bit color depth.
- Wireless monitoring supports up to 1 transmitter to 4 receivers.
- Compatible with Pyro series receivers.
- Achieves ultra-low latency of 65ms in interference-free environments.
- Supports proxy file recording.
- Enables wireless HD image transfer.
- Multiple power supply options: USB-C input, built-in high-capacity battery (supports PD & QC 18W fast charging).
- Provides power supply to iPhones and iPads.
- Built-in SD card slot, supporting up to 1TB SD cards.
- Features 1/4" screw hole and cold shoe mount for easy installation.

Note: The related data is based on Hollyland laboratory test results.

When paired with the HollyView App, Vcore unlocks a range of powerful features, including: advanced real-time video analysis, multi-format video recording, remote camera recording control, wireless HD image transfer, live streaming, smart media management and etc..

Configuration

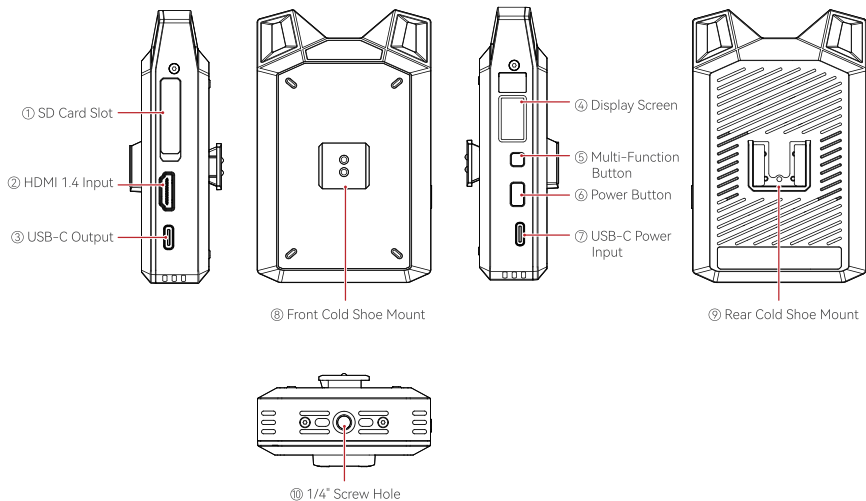


SKU	Quantity	Note
① Vcore	1	
② Phone Holder	1	
③ Magnetic Mount	1	Recommend phone holder as the preferred option
④ USB-C to USB-C Cable	1	
⑤ Cold Shoe	1	
⑥ Quick Guide & Packing List Card & Calibration Pattern	1	
⑦ Warranty Card & Compliance Information Card	1	
⑧ USB-C to Lightning Cable	-	Optional

Note: 1. The quantity and appearance of items depend on the product configuration, the actual packing list shall prevail.

2. You can buy the above No. 8 accessory separately if necessary.

Product Overview

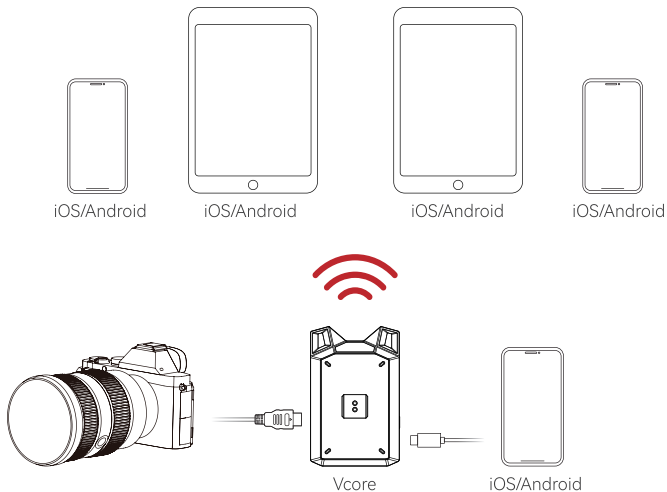


Product Overview

Port / Button	Description
① SD Card Slot	Supports SD cards up to 1TB
② HDMI 1.4 Input	Supports up to 4K30 input
③ USB-C Output	Supports USB streaming, power output, and USB drive firmware updates
④ Display Screen	Shows status information
⑤ Multi-Function Button	Single press: Enters pairing mode with Pyro series receivers Double press: Exits SD card read/write mode Long press (10s): Performs a forced shutdown
⑥ Power Button	Long press (3s): Power ON/OFF
⑦ USB-C Power Input	Supports 5V/9V/12V input, up to 13V max
⑧ Front Cold Shoe Mount	Attaches phone holder, magnetic mount, and other accessories
⑨ Rear Cold Shoe Mount	Mounts microphones and other accessories
⑩ 1/4" Screw Hole	Compatible with tripods and gimbals

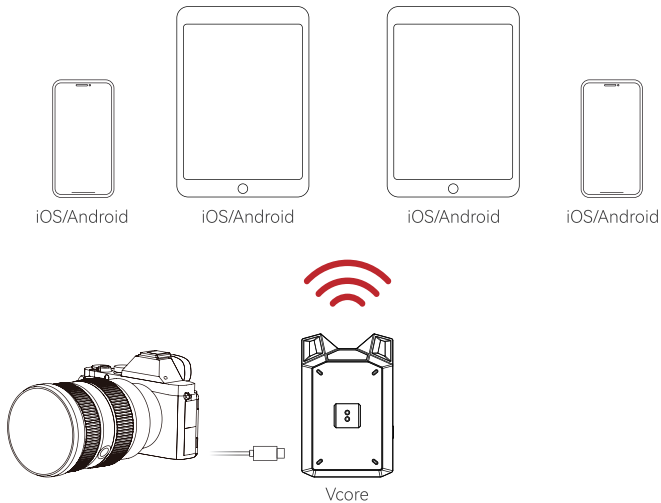
Typical Usage Scenarios

■ 1 TX & 4 Apps



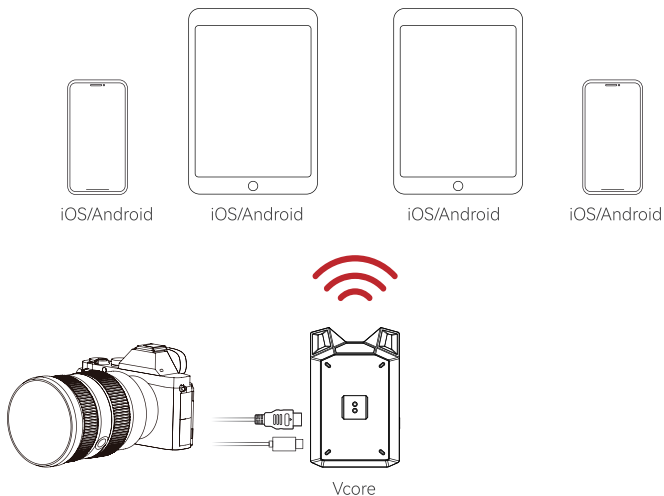
Typical Usage Scenarios

Image Transfer

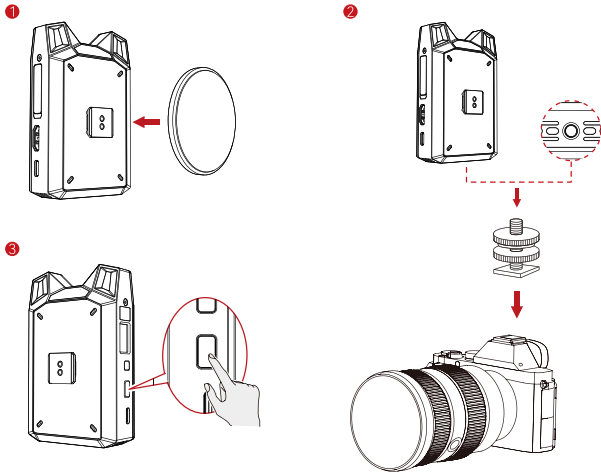


Typical Usage Scenarios

Remote Camera Recording Control



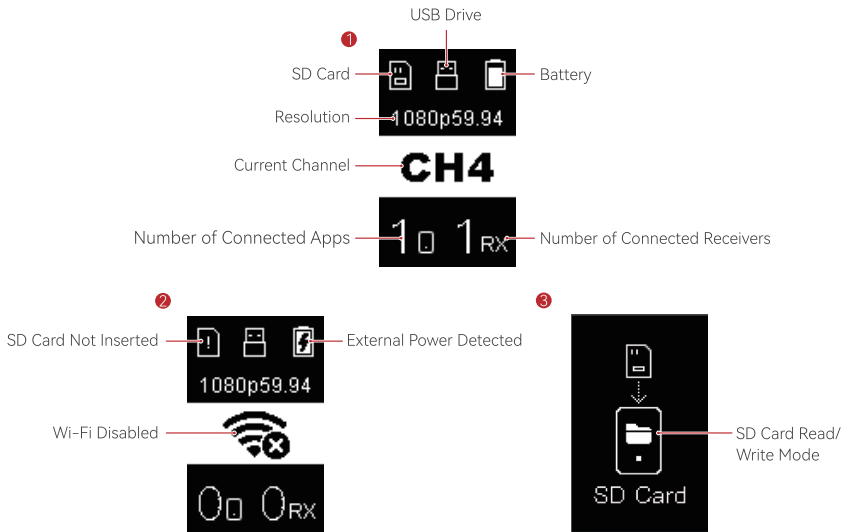
Product Installation



1. Install the phone holder, magnetic mount, or other accessories onto the device as shown in the diagram to secure your smartphone.
2. Use a cold shoe or other accessories to connect and secure the device to the camera.
3. Press and hold the power button for 3 seconds to turn on the device.

Getting Started

Main Interface Introduction



Getting Started

■ App Installation and Connection

1. HollyView App Download



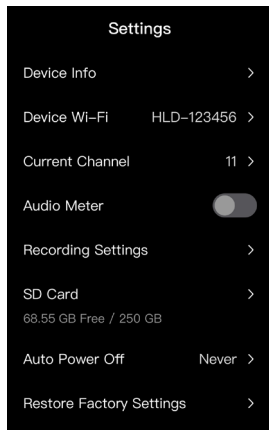
2. App Connection Methods

- **Wired Connection:** Connect the USB-C Out port of the device to your phone using a USB-C to USB-C or USB-C to Lightning cable. Once connected successfully, launch the app to start video monitoring.
- **Wireless Connection:** On your phone, go to the Wi-Fi settings and select the device Wi-Fi (the Wi-Fi name starts with "HLD"). You can either enter the Wi-Fi password manually or scan the QR code on the transmitter body via the app to connect. (The factory default Wi-Fi password is 12345678. If the default password has been changed, QR code scanning will no longer work). Once connected to Wi-Fi, launch the app to start video monitoring.

Getting Started

■ App Settings Interface Overview

Tap the **Settings** option from the function menu at the top-right corner of the app to access the settings interface.



Device Info

Displays the firmware version of the connected device. Firmware updates can be performed via the app.

Device Wi-Fi

Allows you to enable or disable the Wi-Fi function. Displays the current Wi-Fi SSID and allows you to change the Wi-Fi password.

Current Channel

You can manually select a channel or scan for available channels to choose an interference-free channel.

Audio Meter

When enabled, an audio level meter will be displayed on the main interface.

SD Card

Once the SD card is successfully recognized, you can browse its contents via the app. The app also supports formatting the SD card. (Note: Formatting will permanently erase all data on the SD card. Please back up important files before proceeding.)

Getting Started

Auto Power-Off

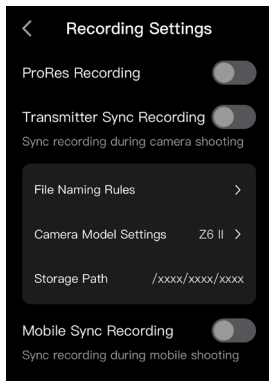
If no video input signal is detected for a set period of time, the device will automatically power off.

Restore Factory Settings

Resets all device parameters to factory defaults.

Recording Settings

Tap Recording Settings to enter the recording settings submenu.



ProRes Recording

When ProRes recording is enabled, the HollyView app can record high-quality ProRes video files directly to the phone's local storage. This feature is only supported on select iOS models. Please refer to the official website for the list of compatible devices.

Transmitter Sync Recording

When the camera starts or stops recording, the linked Vcore will automatically start or stop recording as well. The Vcore will generate a proxy file in the corresponding format and save it to the internal SD card, enabling synchronized recording between the camera and the Vcore.

• File Naming Rules

View the default naming convention for proxy files and customize the "Scene" identifier as needed.

Getting Started

- **Camera Model Settings**

Specify the connected camera model. This is required for synchronized proxy recording on the Vcore. For other recording modes, it is optional.

- **Storage Path**

Displays the storage location of proxy files on the device's internal SD card.

Mobile Sync Recording

When the camera starts or stops recording, the linked mobile device will automatically start or stop recording as well. The app will generate a standard MP4 file and save it to the phone's photo album, enabling synchronized recording between the camera and mobile device.

Getting Started

■ App Main Feature Introduction

Video Monitoring

Supports real-time monitoring of video streams via Vcore, with wireless transmission up to 1080P60 and wired transmission up to 4K30.

Video Analysis

Supports waveform, histogram, vector graph, focus assist, zebra patterns, image overlay, masking, false color, 3D LUT, mirroring, distortion, and zoom functions.

Wireless Image Transfer

When the image transfer connection is active, supports receiving images transmitted wirelessly by Vcore and saves the original images to the mobile device's local photo album.

Multi-Format Recording

Simultaneously back up recorded videos in MP4 format on mobile devices, with compatibility for specific iOS models (see the official website for the supported model list), also support ProRes video file recording.

Smart Media Management

Review and mark shooting materials, automatically organizing the marked files for easy import into post-production software.

Live Streaming

Supports RTMP streaming and one-click streaming to major live broadcast platforms.

Remote Camera Recording Control

Supports remote triggering of camera recording.

Note: For software feature updates, please refer to the HollyView app version release notes.

■ How to Pair Vcore with Pyro Series Receivers

1. Power on the Vcore and the Pyro series receiver.
2. Set the pairing group of the Pyro series receiver to **WPS**.
3. Press the multifunction button on the Vcore; the device screen will display "Pairing."
4. Once the Vcore is successfully paired, you can use the Pyro series receiver for monitoring.

Note: If there is an active App connection before pairing with the Pyro series receiver, the "Pairing" status will disconnect the App connection. The App connection will be restored after the pairing process is complete.

Specifications

Model	Vcore
Product Name	Wireless Video Transmission System
Interface	HDMI IN: HDMI 1.4b POWER IN: USB2.0 USB OUT: USB3.0 SD Card Slot
HDMI Input Resolution	720P50/59.94/60 1080P23.98/24/25/29.97/30/50/59.94/60 3840*2160P23.98/24/25/29.97/30
USB-C Output Resolution	720P50/59.94/60 1080P23.98/24/25/29.97/30/50/59.94/60 3840*2160P23.98/24/25/29.97/30
Wireless Transmission Resolution	720P50/59.94/60 1080P23.98/24/25/29.97/30/50/59.94/60 3840*2160P23.98/24/25/29.97/30 (Supported only with Pyro series receivers)
Power Supply	USB-C Output: 5~13V Built-in Battery: 3.4~4.2V

Specifications

Battery Capacity	5150 mAh
Working Time	6 hours
Power Consumption	< 4.5W
Net Weight	220g
Dimensions	110*70*27.2mm(4.33 × 2.76 × 1.07")
Frequency Band	5.15~5.25 GHz 5.725~5.85 GHz
Transmit Power	≤ 21.5 dBm
Receiver Sensitivity	-93 dBm
Transmission Latency	≤ 80ms
Bandwidth	20 MHz
Operating Temperature	-10°C ~45°C
Storage Temperature	-40°C ~60°C

Note: Due to differences in various countries and regions, the operating frequency bands and wireless transmission power of the product may vary. Please refer to local laws and regulations for details.

Firmware Upgrade

■ USB Drive Upgrade

1. Copy the upgrade file to the root directory of a USB flash drive (formatted in FAT32, exFAT, or NTFS).
2. Connect the USB flash drive directly to the Vcore using an OTG adapter.
3. The Vcore will automatically enter upgrade mode, displaying the "Upgrading" icon.
4. After the upgrade is complete, please restart the Vcore to use it.

Note: Do not interrupt power during the upgrade process.

Firmware Upgrade

■ HollyView App Upgrade

1. Connect the HollyView App to the Vcore correctly.
2. Tap the **Settings** menu in the top right corner of the App → Select **Device Info**, the system will automatically check for version differences between the Vcore and the server. If the phone is not connected to the internet, a prompt will appear stating "Internet connection required" → Switch to an available Wi-Fi or cellular data.
3. When the App detects a new version, a prompt will appear stating "New version found." Click **OK** to download the firmware package.
4. Once the download is complete, reconnect the phone's Wi-Fi to the Vcore's Wi-Fi and click **Start Upgrade** to wait for the device to complete the upgrade.
5. After the App triggers the upgrade, the Vcore will enter upgrade mode, displaying the "Upgrading" icon.
6. After the upgrade is complete, please restart the Vcore to use it.

Note: Do not interrupt power during the upgrade process.

If you encounter any problems in using the product or need any help, please contact Hollyland Support Team via the following ways:

-  Hollyland User Group
-  HollylandTech
-  HollylandTech
-  HollylandTech
-  support@hollyland.com
-  www.hollyland.com

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Note:

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HOLLYVIEW

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