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A								标记	变更内容		版本	变更者	日期																																	
									初版发行		V0.1	袁旻婧	20240102																																	
									受控发行		V1.0	袁旻婧	20240111																																	
B	100mm 125mm  Pyro H Quick Guide V1.0.0																																													
C																																														
D	技术要求： * 材质：100g白牛皮 * 成型尺寸：100*125mm * 工艺：骑马钉 20P * 印刷颜色：彩色印刷 * 公差：±1mm * 表面洁净，无脏污，无撕裂，无破损，表面无明显压痕、折痕 * 所有材料及相关加工工艺需符合RoHS及TSCA指令标准，所有材料及其原料必须和上述规格型号一致，且未经许可不得擅自更改； * 来货外包装必须符合环保要求，并打上“RoHS”和“TSCA”标记							<table><tr><td>投影法</td><td colspan="2"> 第三角投影法 </td><td colspan="3"> 深圳市昊一源科技有限公司</td></tr><tr><td>比例</td><td colspan="2">1:1</td><td>材料</td><td>100g白牛皮</td><td>项目名称</td><td>V9830</td></tr><tr><td>设计</td><td>袁旻婧</td><td>20240111</td><td>版本</td><td>V1.0</td><td>零件名称</td><td>V9830_英文快速操作指南</td></tr><tr><td>审核</td><td>龙小琴</td><td>20240111</td><td>图幅</td><td>/</td><td>公制</td><td>图纸编号 HY-PRT-PG_08_243</td></tr><tr><td>批准</td><td>苏列攀</td><td>20240111</td><td>第 1 张</td><td>共 1 张</td><td>零件编号</td><td>3003080450</td></tr></table>					投影法	 第三角投影法		 深圳市昊一源科技有限公司			比例	1:1		材料	100g白牛皮	项目名称	V9830	设计	袁旻婧	20240111	版本	V1.0	零件名称	V9830_英文快速操作指南	审核	龙小琴	20240111	图幅	/	公制	图纸编号 HY-PRT-PG_08_243	批准	苏列攀	20240111	第 1 张	共 1 张	零件编号	3003080450
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Pyro H

Quick Guide

V1.0.0

Foreword

Thank you for choosing the **Pyro H** wireless high-definition video transmission system. The product adopts the latest codec technology, as well as 2.4 GHz and 5 GHz wireless transmission technology, achieving a super-low latency video transmission.



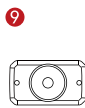
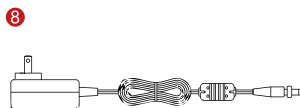
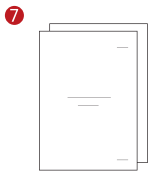
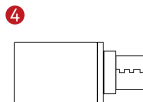
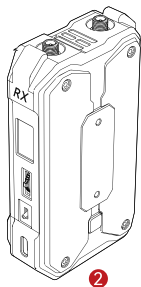
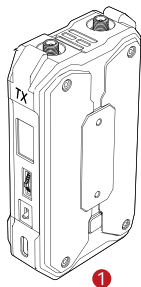
Scan to obtain Quick Guide in other languages

Key Features

- In Broadcast mode, one transmitter can connect up to four receivers.
- Wireless transmission on 2.4 GHz and 5 GHz frequency bands.
- Minimum latency of 60ms in an interference-free environment (1080P60)*.
- 1300ft (400m) LOS range (one transmitter & two receivers)*.
- Transmitter supports HDMI Input and HDMI Loopout.
- HDMI supports transmission at 4K/30fps.
- Multiple power supply options, including DC (locking), NP-F battery, and USB-C (5V/2A, not supported in Broadcast mode).
- Receiver supports USB Video Class (UVC).
- Upon startup, a quality frequency channel will be automatically chosen. Intelligent frequency scan function on receiver can display the current frequency status, allowing you to choose a desired channel. (When in Broadcast mode, the frequency scan function can only detect interference caused by equipment not in Broadcast mode. Equipment in Broadcast mode need to choose different frequency channels to avoid interference.)

* The related data is based on Hollyland laboratory test results.

Configuration



Configuration

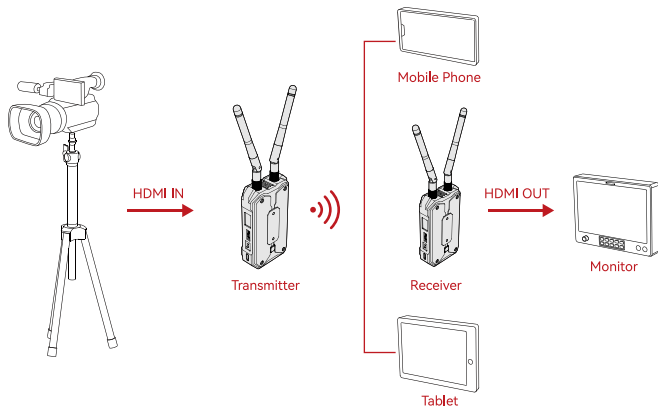
SKU	One Transmitter & One Receiver	One Transmitter	One Receiver
① Transmitter	1	1	/
② Receiver	1	/	1
③ Cylindrical Antenna (2.4 GHz & 5 GHz)	5	2	2
④ USB-C OTG Adapter	1	1	1
⑤ Rotatable Cold Shoe Mount	1	1	/
⑥ Quick Guide & Packing List Card	1	1	1
⑦ Warranty Card & Compliance Information	1	1	1
⑧ 12V/2A DC Power Adapter	/	/	/
⑨ Screw Fitting	/	/	/

Note:

1. The quantity of the items depends on the product configuration detailed on the packing list card.
2. You can buy a transmitter, receiver, cylindrical antenna, rotatable cold shoe mount, DC power adapter, and screw fitting from Hollyland's official website based on your needs.

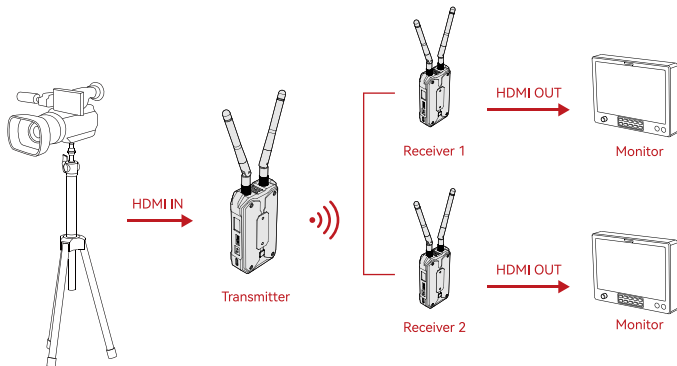
Connection

- One transmitter can connect to one receiver and two mobile devices



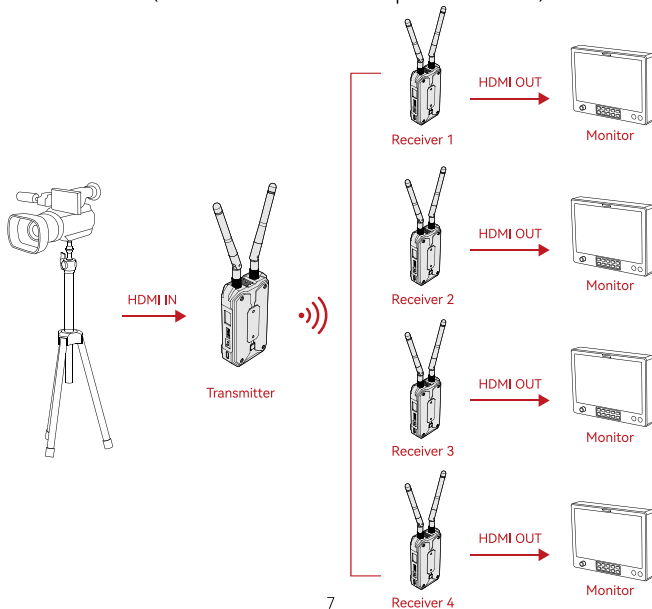
Connection

- One transmitter can connect to two receivers



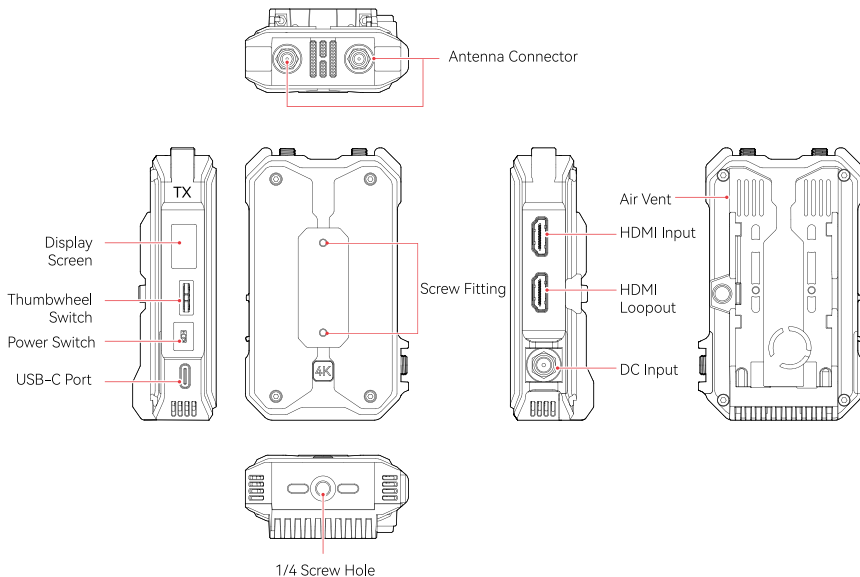
Connection

- Broadcast mode enabled (one transmitter can connect up to four receivers)



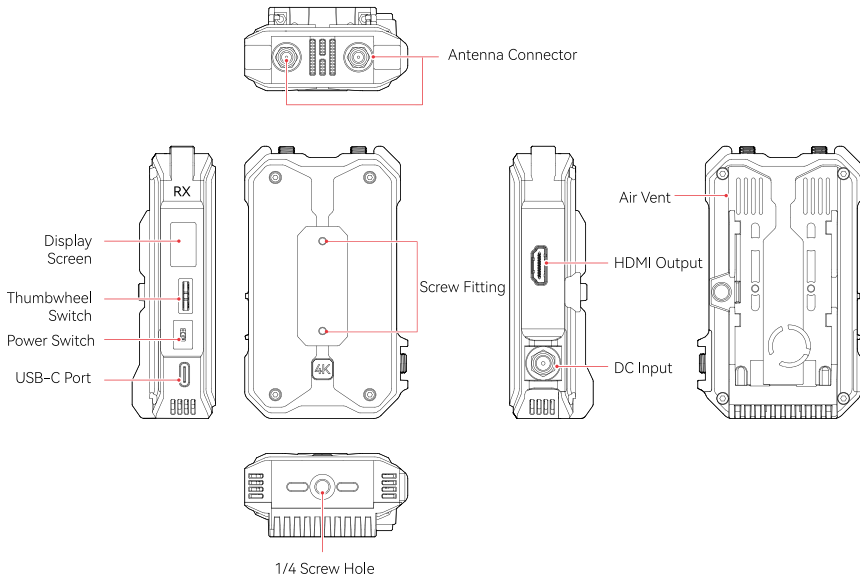
Overview

Transmitter



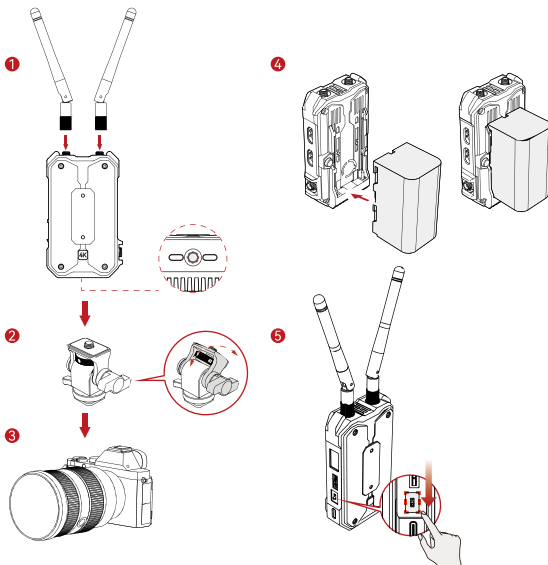
Overview

Receiver



Installation

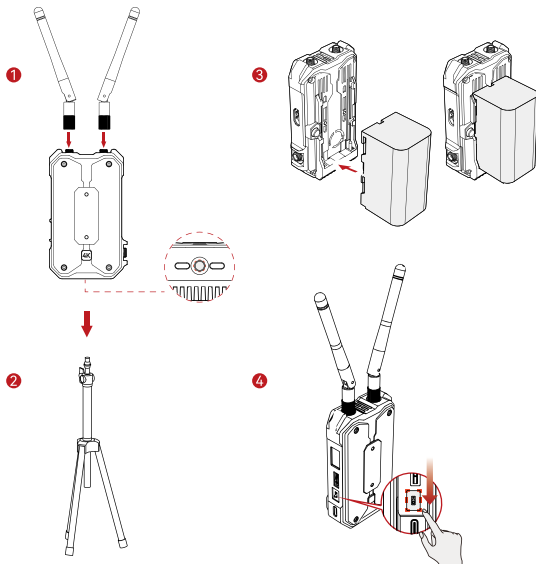
Transmitter



1. Install the antennas as shown in the diagram.
2. Mount the transmitter to the camera using the rotatable cold shoe mount.
3. Connect the transmitter to the camera using the HDMI cable.
4. Install the battery (NP-F batteries).
5. Toggle the power switch downward to turn on the transmitter.

Installation

Receiver

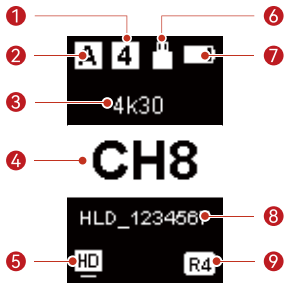


1. Install the antennas as shown in the diagram.
2. Mount the receiver on the tripod using the 1/4 screw hole at the bottom.
3. Install the battery (NP-F batteries).
4. Toggle the power switch downward to turn on the receiver.

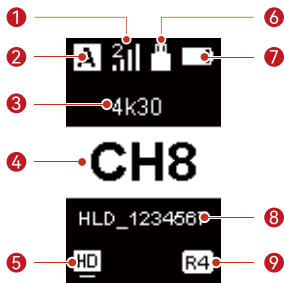
Interface Introduction

Home Screen Introduction

Transmitter



Receiver



① Transmitter: number of the connected receivers Receiver: signal strength	⑥ USB-C Port Status
② Current Group	⑦ Battery Level
③ Video Resolution & Frame Rate	⑧ Wi-Fi Account
④ Frequency Channel (scroll the thumbwheel switch up and down to change the channel)	⑨ Broadcast Mode Icon (not displayed when Broadcast mode disabled)
⑤ Scene Mode Icon	

Funtions Introduction

Entering the Menu

Press and hold the thumbwheel switch for 3 seconds to enter the menu. Scroll the switch up and down to select the function and press the switch to confirm.



Scene Mode

Provides multiple scene modes to meet your needs.



HD Mode

Bit rate at up to 12 Mbps for high-definition transmission.



Smooth Mode

Latency as low as 60ms.



Return



Group Pairing

Transmitter and receiver in the same group automatically pair.

Functions Introduction



Fan Setting

Provides different modes to meet your heat dissipation needs.



Broadcast Mode

If enabled, one transmitter can connect up to four receivers.



Frozen Frame

Controls whether the last frame after a transmission interruption is the final frame from the signal source.



Frequency Scan

For viewing the current interference status. Press the thumbwheel switch to choose the desired channel.



System Settings



Net Information

For viewing Wi-Fi account and password.



Reset

For resetting to the default settings.



Version Information

For viewing version information.

HollyView App

App Download and Connection

1. Hollyview download

The app HollyView is available for download on Hollyland's official website. Android users also can download the app from the Google Play Store and other App Stores, while iOS users can download from the App Store.



2. Connection

To connect to the transmitter, access the Wi-Fi connection interface on your mobile phone, tap the one named HLD plus device ID number, and enter the password (default password: 12345678). You also can scan the QR code on the transmitter through the app to establish connection. If the default Wi-Fi password is changed, connection via QR code will not work. After successful connection, you can use the app to monitor.

Specifications

	Transmitter	Receiver
Port	• DC Input: 2.0mm Core Socket • HDMI Input: HDM1 1.4b • HDMI Loopout: HDMI 1.4b • USB-C: USB 2.0 OTG • Antenna: SMA Male	• DC Input: 2.0mm Core Socket • HDMI Output: HDM1 1.4b • USB-C: USB 2.0 OTG • Antenna: SMA Male
Power Supply	• USB-C: 5V/2A (not supported in Broadcast mode) • Battery Voltage Range: 6 - 16V DC	• USB-C: 5V/2A (not supported in Broadcast mode) • Battery Voltage Range: 6 - 16V DC
Power Consumption	< 7W	< 4W
Net Weight	192g	192g
Dimensions	L × W × H: 109 × 62.3 × 33.4mm (4.3 × 2.45 × 1.3in.)	
Input/Output Format	• HDMI 720p50/59.94/60 1080i50/59.94/60 1080p23.98/24/25/29.97/30 1080p50/59.94/60 4K30/25/24 • HDMI Loopout 720p50/60 1080i50/60 1080p24/25/30 1080p50/60 4K30/25/24	• HDMI 720p50/60 1080i50/60 1080p24/25/30 1080p50/60 4K30/25/24

Specifications

Operating Frequency	• 5 GHz Frequency Band 5.150 – 5.250 GHz 5.725 – 5.850 GHz • 2.4 GHz Frequency Band 2.412-2.462 GHz	
Transmit Power		/
Receiver Sensitivity	/	-85 dBm (Broadcast: -80 dBm)
Latency	$\leq 60\text{ms}$	
Bandwidth	20 MHz (Broadcast: 40 MHz)	

Note: Due to differences in various countries and regions, there may be variations in the operating frequency bands and wireless transmission power of the product. For details, please refer to local laws and regulations.

Support

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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