



# Pyro S

## Quick Guide

V1.0.0





## Foreword

Thank you for choosing the **Pyro S** 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.

**EN** Please read this Quick Guide carefully. We wish you a pleasant experience. To obtain Quick Guide information in other languages, please scan the QR code below.

**DE** Bitte lesen Sie diese Kurzanleitung gründlich. Wir wünschen Ihnen ein angenehmes Erlebnis. Für die Kurzanleitung in einer anderen Sprache scannen Sie bitte den folgenden QR-Code.

**ES** Lea atentamente esta Guía rápida. Le deseamos una agradable experiencia. Para obtener información de la Guía rápida en otros idiomas, escanee el código QR que aparece a continuación.

**FR** Veuillez lire attentivement ce guide rapide. Nous espérons que votre expérience sera des plus agréables. Pour obtenir des informations sur le guide rapide dans d'autres langues, veuillez scanner le code QR ci-dessous.

**IT** Leggi questa Guida introduttiva rapida. Ti auguriamo un'esperienza piacevole. Per ottenere informazioni sulla Guida introduttiva rapida in altre lingue, scansiona il codice QR qui sotto.

**PT** Leia este Guia Rápido com cuidado. Desejamos que você tenha uma experiência agradável. Para obter informações do Guia Rápido em outros idiomas, digitalize o código QR abaixo.

## Foreword

**TC** 請仔細閱讀本快速指南。我們祝您體驗愉快。若要取得其他語言的快速指南資訊，請掃描下面的 QR 碼。

**KR** 이 빠른 가이드를 주의 깊게 읽으십시오. 즐거운 경험 되시길 바랍니다. 빠른 가이드 정보를 다른 언어로 알아보려면 아래 QR 코드를 스캔하십시오.

**JP** クイックガイドを熟読してください。ご体験をお楽しみください。他の言語でクイックガイド情報を取得するには、以下のQRコードをスキャンしてください。



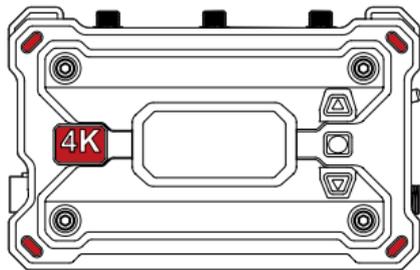
## Key Features

- In Broadcast mode, one transmitter can connect to up to four receivers.
- Wireless transmission on 2.4 GHz and 5 GHz frequency bands.
- Minimum latency of 50ms in an interference-free environment (1080P60\*).
- 1,300ft (400m)\* LOS range (Connection to the app may affect the range).
- 650ft (200m)\* LOS range (in Broadcast mode).
- Transmitter supports HDMI Input (4K30) and SDI Input (1080P).
- Receiver supports HDMI Output (4K30) and SDI Output (1080P).
- Flexible power supply options, including DC (locking) and NP-F batteries.
- Transmitter supports streaming via a wireless network card.
- Receiver supports USB Video Class (UVC).
- Upon startup, a quality frequency channel will be automatically chosen. Frequency scan function on the receiver can display the current frequency status, allowing you to choose a desired channel.

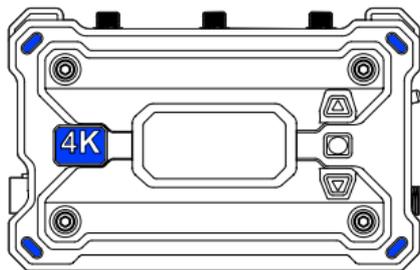
\* The related data is based on Hollyland laboratory test results.

# Configuration

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## Configuration

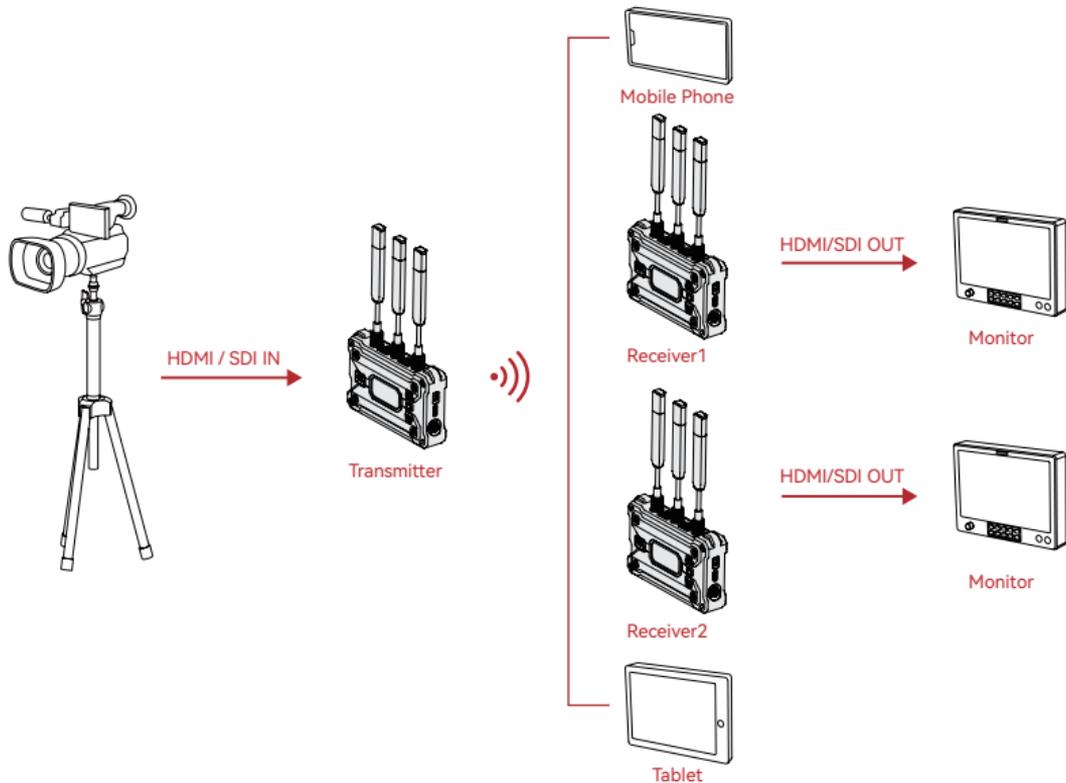
SKU	1TX & 1RX	1TX	1RX
① Transmitter (TX)	1	1	-
② Receiver (RX)	1	-	1
③ Paddle Antenna (2.4 GHz & 5 GHz)	7	3	3
④ USB-C OTG Adapter	1	1	1
⑤ Rotatable Cold Shoe Mount	1	1	-
⑥ Quick Guide & Packing List Card	1	1	1
⑦ Warranty Card & Compliance Information	1	1	1
⑧ 12V/2A DC Power Adapter	1	-	1
⑨ Screw Fitting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

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, paddle antenna, rotatable cold shoe mount, DC power adapter, and screw fitting for stabilizer from Hollyland's official website based on your needs.

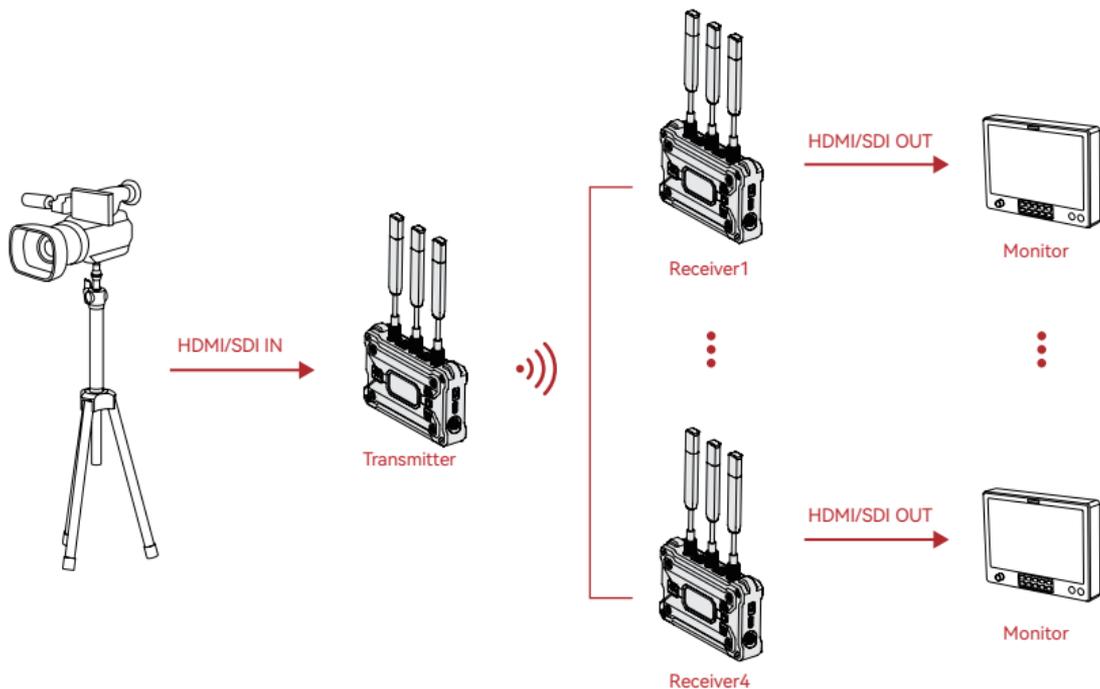
# Connection

- One transmitter can connect to two receivers and two mobile devices



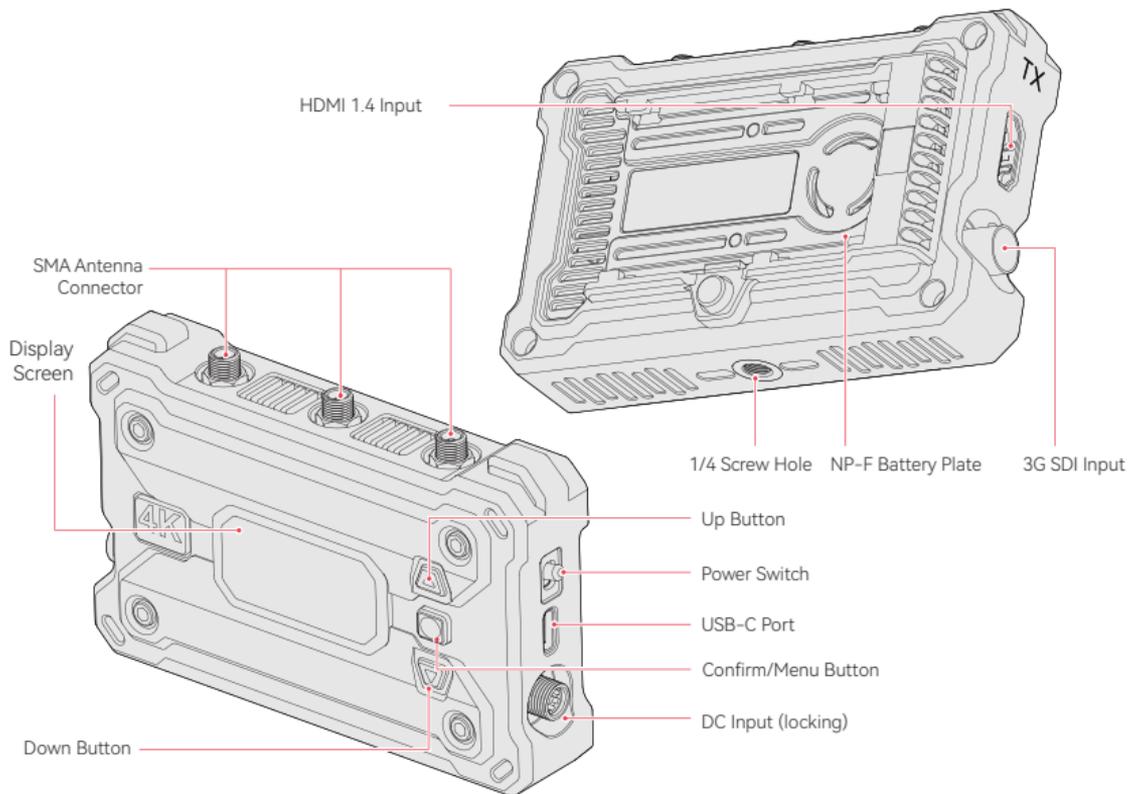
## Connection

- One transmitter can connect to up to four receivers in Broadcast mode



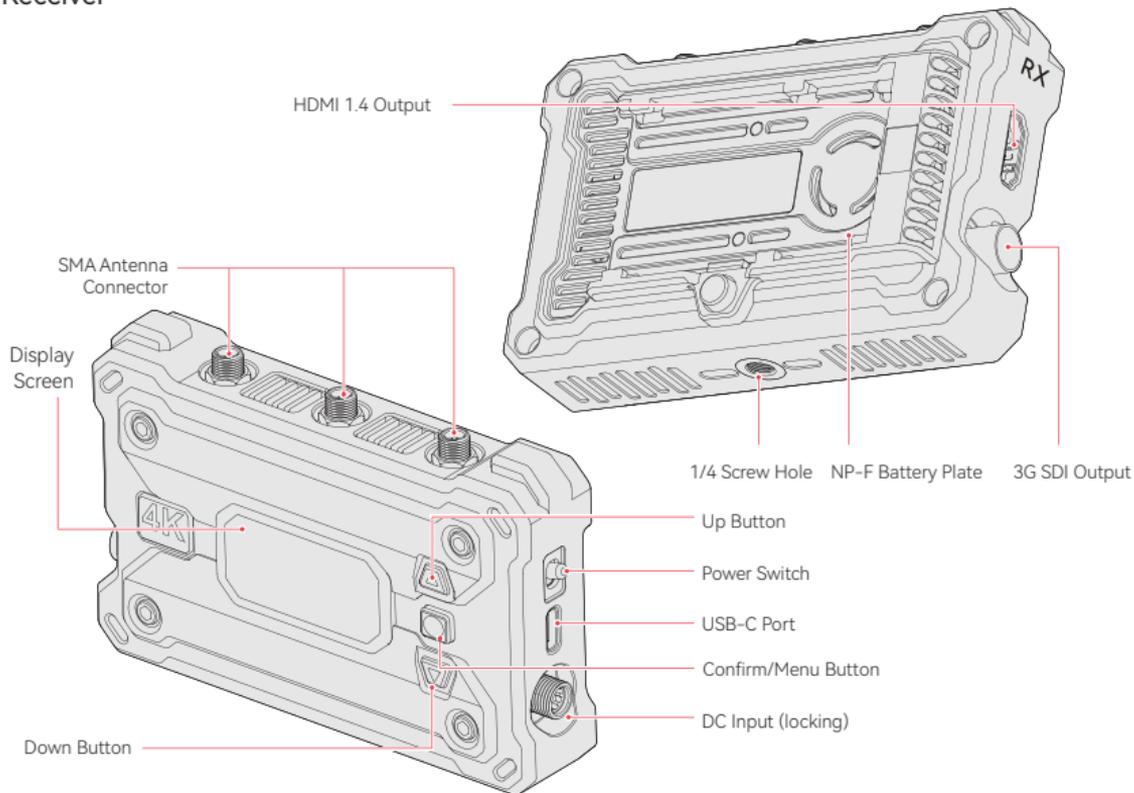
# Overview

## Transmitter



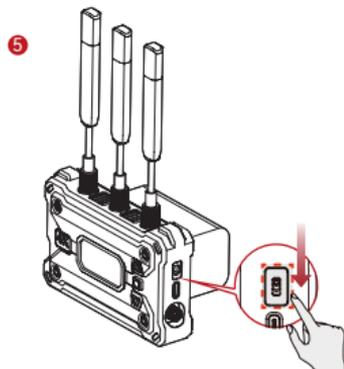
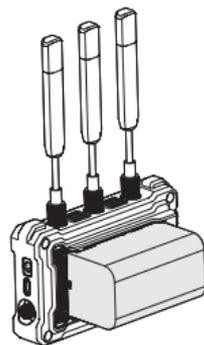
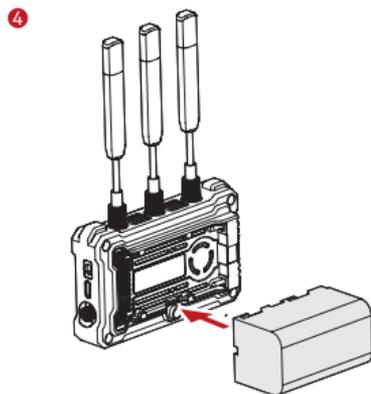
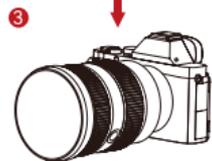
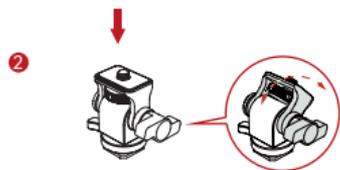
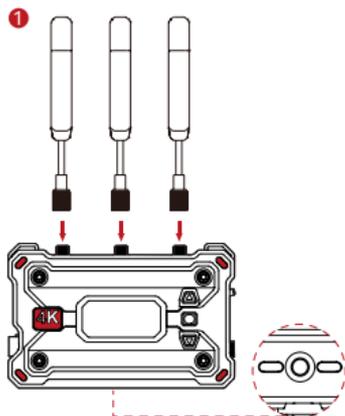
# Overview

## Receiver



# Installation

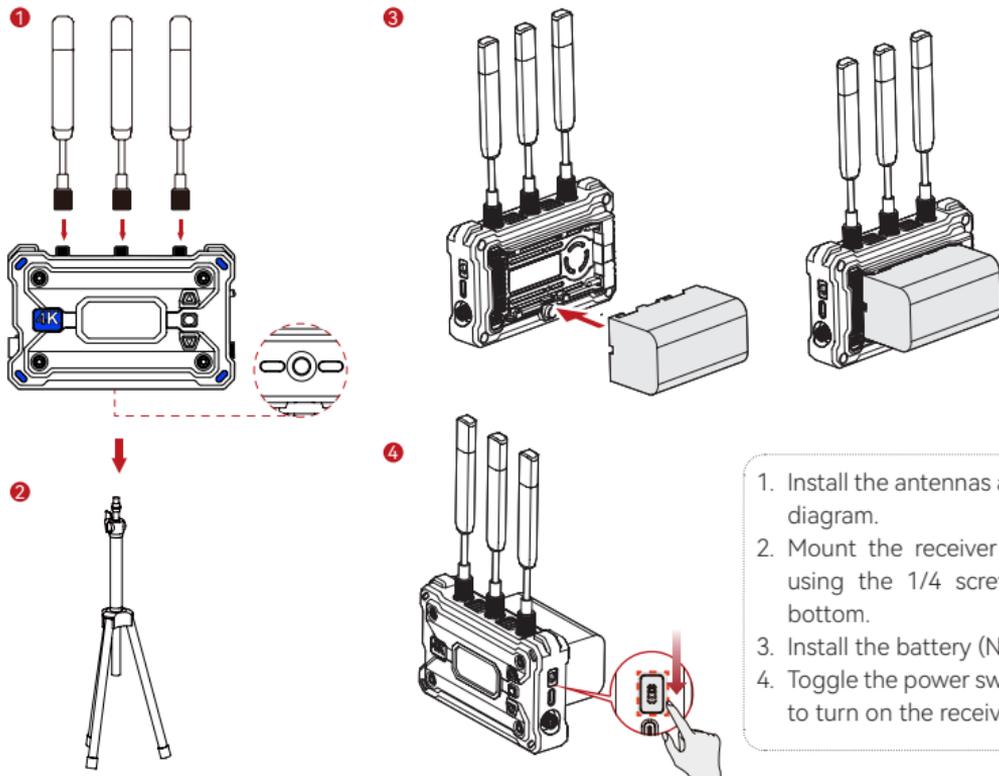
## Transmitter



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 an HDMI cable or SDI cable.
4. Install the battery (NP-F batteries).
5. Toggle the power switch downward to turn on the transmitter.

# Installation

## Receiver

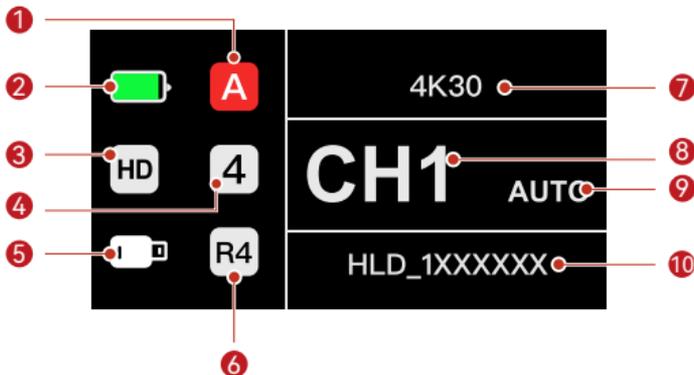


1. Install the antennas as shown in the diagram.
2. Mount the receiver on the tripod using the 1/4" screw hole at the bottom.
3. Install the battery (NP-F batteries).
4. Toggle the power switch downward to turn on the receiver.

# Interface Introduction

## Home Screen Introduction

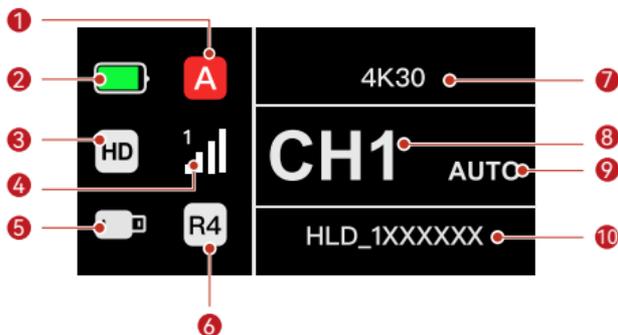
### Transmitter



① Current Group	⑥ Broadcast Mode
② Battery Level	⑦ Resolution & Frame Rate
③ Scene Mode	⑧ Frequency Channel
④ Number of Connected Receivers	⑨ Auto Frequency Hopping*
⑤ USB-C Port Status (different icons in different statuses)	⑩ Wi-Fi Network

# Interface Introduction

## Receiver



① Current Group	⑥ Broadcast Mode
② Battery Level	⑦ Resolution & Frame Rate
③ Scene Mode	⑧ Frequency Channel
④ Connection Number & Signal Strength	⑨ Auto Frequency Hopping*
⑤ USB-C Port Status (different icons in different statuses)	⑩ Wi-Fi Network

\* When you switch to the AUTO interface, press the menu button to activate the Auto Frequency Hopping function for automatic channel changes during interference. In Broadcast mode, it takes less than a second to change the channel. Otherwise, it takes a little longer.

## Entering the Menu

Press and hold the menu button for 3 seconds to enter the menu. Press the up and down buttons to select the function and press the menu button to confirm.

# Functions Introduction

## Transmitter functions description



### Scene Mode

Provides different scene modes to meet your needs.



### HD Mode

Bitrate at up to 12 Mbps for high-definition transmission.



### Smooth Mode

Longer transmission range with latency as low as 60ms.



### Broadcast Mode

If enabled, one transmitter can connect to up to four receivers. (app connection not allowed in this mode)



### Group Pairing

Transmitter and receivers in the same group automatically pair.



### Fan Settings

Provides different fan modes to meet your heat dissipation needs.



### System Settings

Views device-related information and configures settings.



### Frozen Frame

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



### Net Information

Views Wi-Fi information.



### Reset

Resets to default settings.



### Language

Switches the language between Chinese and English.



### Version Information

Views version-related information.

# Functions Introduction

## Receiver functions description



### Frequency Scan

Views the current interference status, allowing you to choose a desired channel.



### System Settings

Views device-related information and configures settings.



### Language

Switches the language between Chinese and English.



### Group Pairing

Transmitter and receivers in the same group automatically pair.



### Net Information

Views Wi-Fi information.



### Version Information

Views version-related information.



### Fan Settings

Provides different fan modes to meet your heat dissipation needs.

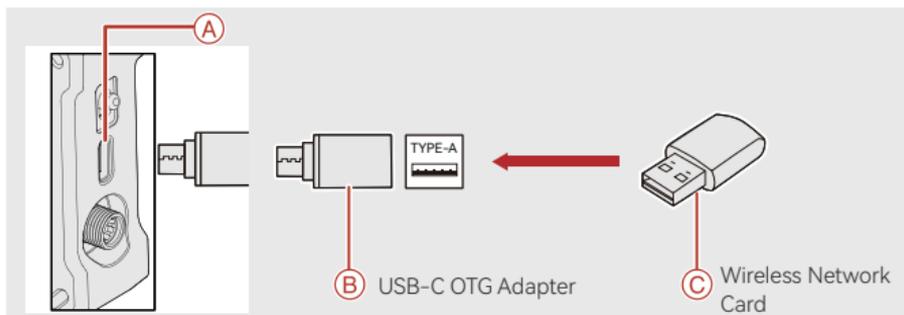


### Reset

Resets to default settings.

# Streaming Introduction

## Transmitter Network Streaming Introduction



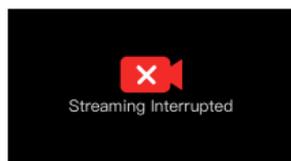
1. Connect the wireless network card to the transmitter using the USB-C OTG Adapter.
2. Observe whether there is any change in the USB-C icon.



Network Connected



Streaming



Streaming Interrupted

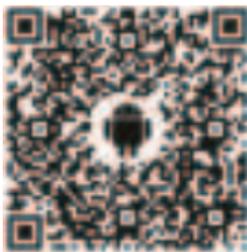
3. Enter the streaming address through the Hollyview app, and start streaming.

# HollyView App

## App Download and Connection

### 1. Hollyview download

The app HollyView is available for download on Hollyland's official website. Android users can download the app from the Google Play Store and other App Stores, while iOS users can download it 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	<ul style="list-style-type: none"> <li>• DC Input: 2.0mm Core Socket</li> <li>• HDMI Input: HDMI 1.4b</li> <li>• SDI Input: 3G SDI</li> <li>• USB-C: USB 2.0 OTG</li> <li>• Antenna: SMA Male</li> </ul>	<ul style="list-style-type: none"> <li>• DC Input: 2.0mm Core Socket</li> <li>• HDMI Output: HDMI 1.4b</li> <li>• SDI Output: 3G SDI</li> <li>• USB-C: USB 2.0 OTG</li> <li>• Antenna: SMA Male</li> </ul>
Power Supply	<ul style="list-style-type: none"> <li>• Battery Voltage Range: 6.8 – 8.4V</li> <li>• DC Voltage Range: 6 – 16V</li> </ul>	<ul style="list-style-type: none"> <li>• Battery Voltage Range: 6.8 – 8.4V</li> <li>• DC Voltage Range: 6 – 16V</li> </ul>
Power Consumption	<11W	<8W
Net Weight	207g	207g
Dimensions	L × W × H: 112 × 71.2 × 34.1mm (4.4 × 2.8 × 1.3in.)	
Operating Frequency	<ul style="list-style-type: none"> <li>• 5 GHz Frequency Band</li> <li>5.150 – 5.250 GHz</li> <li>5.725 – 5.850 GHz</li> </ul>	<ul style="list-style-type: none"> <li>• 2.4 GHz Frequency Band</li> <li>2412-2462MHz</li> </ul>
Transmit Power	/	/
Receiver Sensitivity	/	-85 dBm (Broadcast: -80 dBm)
Latency	as low as 50ms	
Bandwidth	20 MHz (Broadcast: 40 MHz)	
Temperature	-10 – 45°C (working) -40 – 60°C (storage)	

## Specifications

HDMI Input	HDMI Output	SDI Output
720p50/59.94/60	720p50/59.94/60	720p50/59.94/60
1080i50/59.94/60	1080i50/59.94/60	1080i50/59.94/60
1080p23.98/24/25/29.97/30	1080p23.98/24/25/29.97/30	1080p23.98/24/25/29.97/30
1080p50/59.94/60	1080p50/59.94/60	1080p50/59.94/60
3840*2160 30/25/24/29.97/23.98	3840*2160 30/25/24/29.97/23.98	1080p30/25/24/29.97/23.98

SDI Input	SDI Output	HDMI Output
1080p60/59.94/50	1080p50/59.94/60	1080p50/59.94/60
1080i60/59.94/50	1080i50/59.94/60	1080p23.98/24/25/29.97/30
1080p30/29.97/25/24/23.98	1080p23.98/24/25/29.97/30	1080p23.98/24
1080psf25/24/23.98	1080psf23.98/24	1080i50/59.94/60
720p60/59.94/50	720p50/59.94/60	720p50/59.94/60
1080psf23.98/24	1080p23.98/24	1080p23.98/24
1080psf25/29.97/30	1080i50/59.94/60	1080i50/59.94/60

\* Note: Due to differences in various countries and regions, there may be variations in the operating frequency bands and wireless transmit 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

### Statement:

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### Trademark Statement:

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### Note:

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# **HOLLYVIEW**

Powered by Hollyland

**Manufacturer:** Shenzhen Hollyland Technology Co., Ltd.  
**Address:** 8F, 5D Building, Skyworth Innovation Valley, Tangtou  
Road, Shiyan Street, Baoan District, Shenzhen, 518108, China  
**MADE IN CHINA**

P/N : 3003080469



## Compliance Information

### EN CE Compliance Notice:

- EU Declaration of Conformity

Hollyland hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2011/65/EU and (EU)2015/863.

The original EU declaration of conformity may be found at [www.hollyland.com](http://www.hollyland.com).

- National restrictions

This device may be used in all member states of the EU and Northern Ireland.

	AT	BE	BG	CH	CY	CZ	DE
	DK	EE	EL	ES	FI	FR	HR
	HU	IE	IS	IT	LI	LT	LU
	LV	MT	NL	NO	PL	PT	RO
	SE	SI	SK	TR	UK(NI)		

### DE CE-Konformitätshinweis:

- EU-Konformitätserklärung

Hollyland erklärt hiermit, dass das Gerät mit den grundlegenden Anforderungen und anderen relevanten Bestimmungen der Richtlinien 2014/53/EU, 2011/65/EU und (EU)2015/863 konform ist.

Das Original der EU-Konformitätserklärung finden Sie unter [www.hollyland.com](http://www.hollyland.com).

- Nationale Beschränkungen

Dieses Gerät darf in allen Mitgliedsstaaten der EU und Nordirland verwendet werden.

### FR Avis de conformité CE :

- Déclaration de conformité de l'UE

Hollyland déclare par la présente que l'appareil est conforme aux exigences essentielles et aux autres dispositions pertinentes des directives 2014/53/UE, 2011/65/UE et (UE)2015/863.

La déclaration de conformité originale de l'UE peut être consultée à l'adresse suivante: [www.hollyland.com](http://www.hollyland.com).

- Restrictions nationales

Cet appareil peut être utilisé dans tous les États membres de l'UE et en Irlande du Nord.

### ES Aviso de conformidad CE:

- Declaración EU de conformidad

Hollyland declara por la presente que el dispositivo cumple los requisitos esenciales y otras disposiciones pertinentes de las directivas 2014/53/UE, 2011/65/UE y (UE) 2015/863.

Puede encontrar la declaración EU de conformidad original en [www.hollyland.com](http://www.hollyland.com).

- Restricciones nacionales

Este dispositivo se puede usar en todos los estados miembros de la UE e Irlanda del Norte.

### IT Avviso di conformità CE:

- Dichiarazione di conformità UE

Hollyland con la presente dichiara che il dispositivo è conforme ai requisiti essenziali e alle altre disposizioni pertinenti delle direttive 2014/53/UE, 2011/65/UE e (UE) 2015/863.

La dichiarazione di conformità UE originale è disponibile sul sito [www.hollyland.com](http://www.hollyland.com).

- Restrizioni nazionali

Questo dispositivo può essere utilizzato in tutti gli stati membri dell'UE e nell'Irlanda del Nord.

## **PT** Aviso de conformidade da CE:

### • Declaração de conformidade da UE

Por este documento, a Hollyland declara que o dispositivo está em conformidade com os requisitos principais e outras disposições relevantes das diretivas 2014/53/EU, 2011/65/EU e (EU)2015/863.

A declaração original de conformidade da UE pode ser encontrada em [www.hollyland.com](http://www.hollyland.com).

### • Restrições nacionais

Este dispositivo pode ser usado em todos os estados-membros da UE e Irlanda do Norte.

## **UK Compliance Notice:**

### • UK Declaration of Conformity

Hollyland hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017.

The original UK declaration of conformity may be found at [www.hollyland.com](http://www.hollyland.com).

### • National restrictions

This device may only be used indoors in Great Britain.



## **RF Exposure Information**

This device meets the EU requirements (2014/53/EU Article 3.1a) on the limitation of exposure of the general public to electromagnetic fields by way of health protection. The device complies with RF specifications when the device used at 20 cm from your body.

## **EN** RECYCLING

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to

be recycled or dismantled to minimize its impact on the environment. User has the choice to give this product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.

## **DE** RECYCLING

Dieses Produkt ist mit dem Symbol für die selektive Sortierung von Elektro- und Elektronik-Altgeräten (WEEE) gekennzeichnet. Dies bedeutet, dass dieses Produkt gemäß der europäischen Richtlinie 2012/19/EU recycelt oder demontiert werden sollte, um seine Auswirkungen auf die Umwelt zu minimieren. Der Benutzer kann sich entscheiden, sein Produkt bei einer kompetenten Recycling-Organisation oder beim Händler beim Kauf eines neuen elektrischen oder elektronischen Geräts abzugeben.

## **FR** RECYCLAGE

Ce produit porte le symbole de tri sélectif des déchets d'équipements électriques et électroniques (DEEE). Cela signifie que ce produit doit être traité conformément à la directive européenne 2012/19/EU afin d'être recyclé ou démonté pour minimiser son impact sur l'environnement. L'utilisateur a le choix entre donner son produit à un organisme de recyclage compétent ou au détaillant lorsqu'il achète un nouvel équipement électrique ou électronique.

## **IT** RICICLAJE

Este producto lleva el símbolo de clasificación selectiva de residuos de aparatos eléctricos y electrónicos (RAEE). Esto significa que este producto debe manipularse conforme a la directiva europea 2012/19/UE para reciclarlo o desmontarlo con el fin de minimizar su impacto en el medioambiente. El usuario tiene la opción de entregar su producto a una organización de reciclado competente o al minorista cuando compra un nuevo aparato eléctrico o electrónico.

## **ES** RICCICLO

Questo prodotto reca il simbolo della raccolta differenziata per i rifiuti di apparecchiature elettriche ed elettroniche (RAEE). Ciò significa che questo prodotto deve essere riciclato o disassemblato in conformità alla Direttiva europea 2012/19/UE per ridurre al minimo l'impatto sull'ambiente. L'utente ha la possibilità di consegnare il proprio prodotto a un'organizzazione competente in materia di riciclaggio o al rivenditore nel momento in cui acquista una nuova apparecchiatura elettrica o elettronica.

## **PT** RECICLAGEM

Este produto traz o símbolo de separação seletiva para Resíduos de Equipamentos Elétricos e Eletrônicos (WEEE). Isto significa que este produto deve ser manuseado de acordo com a diretiva europeia 2012/19/EU para ser reciclado ou desmontado para minimizar seu impacto no ambiente. O usuário pode entregar este produto a uma empresa de reciclagem competente ou ao revendedor ao comprar um novo equipamento elétrico ou eletrônico.



### **FCC Compliance Notice:**

**FC** FCC ID: 2ADZC-9831T  
FCC ID: 2ADZC-9831R

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### **Note:**

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 reasonable 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 harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### **ISED Compliance Notice:**

CAN ICES-003(B)/NMB-003(B)  
IC: 29803-9831T HVIN: 9831T  
IC: 29803-9831R HVIN: 9831R

- This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:  
 (1) This device may not cause interference.  
 (2) This device must accept any interference, including interference that may cause undesired operation of the device.
- L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :  
 (1) L'appareil ne doit pas produire de brouillage;  
 (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
- This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The portable device is designed to meet the requirements for exposure to radio waves established by the ISED.
- Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. L'utilisateur final doit suivre les instructions spécifiques pour satisfaire les normes. Cet émetteur ne doit pas être co-implanté ou fonctionner en conjonction avec toute autre antenne ou transmetteur. Le dispositif portatif est conçu pour répondre aux exigences d'exposition aux ondes radio établie par le développement énergétique DURABLE.
- For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250–5350 MHz and 5470–5725 MHz, 5725–5850 MHz shall be such

that the equipment still complies with the e.i.r.p. limit as appropriate.

- Le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5250–5350 MHz et 5470–5725 MHz, 5725–5825 MHz) doit se conformer à la limite de p.i.r.e. spécifiée pour l'exploitation point à point et non point à point, selon le cas.  
 5150–5250 MHz for indoor use only.

### Triman:

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Vous êtes responsable de remettre tous les appareils électriques et électroniques usagés à des points de collecte correspondants.  
 Pour en savoir plus:  
[www.quefairedemesdechets.fr](http://www.quefairedemesdechets.fr)

