

# SYSCOM 421

# USER NOTE

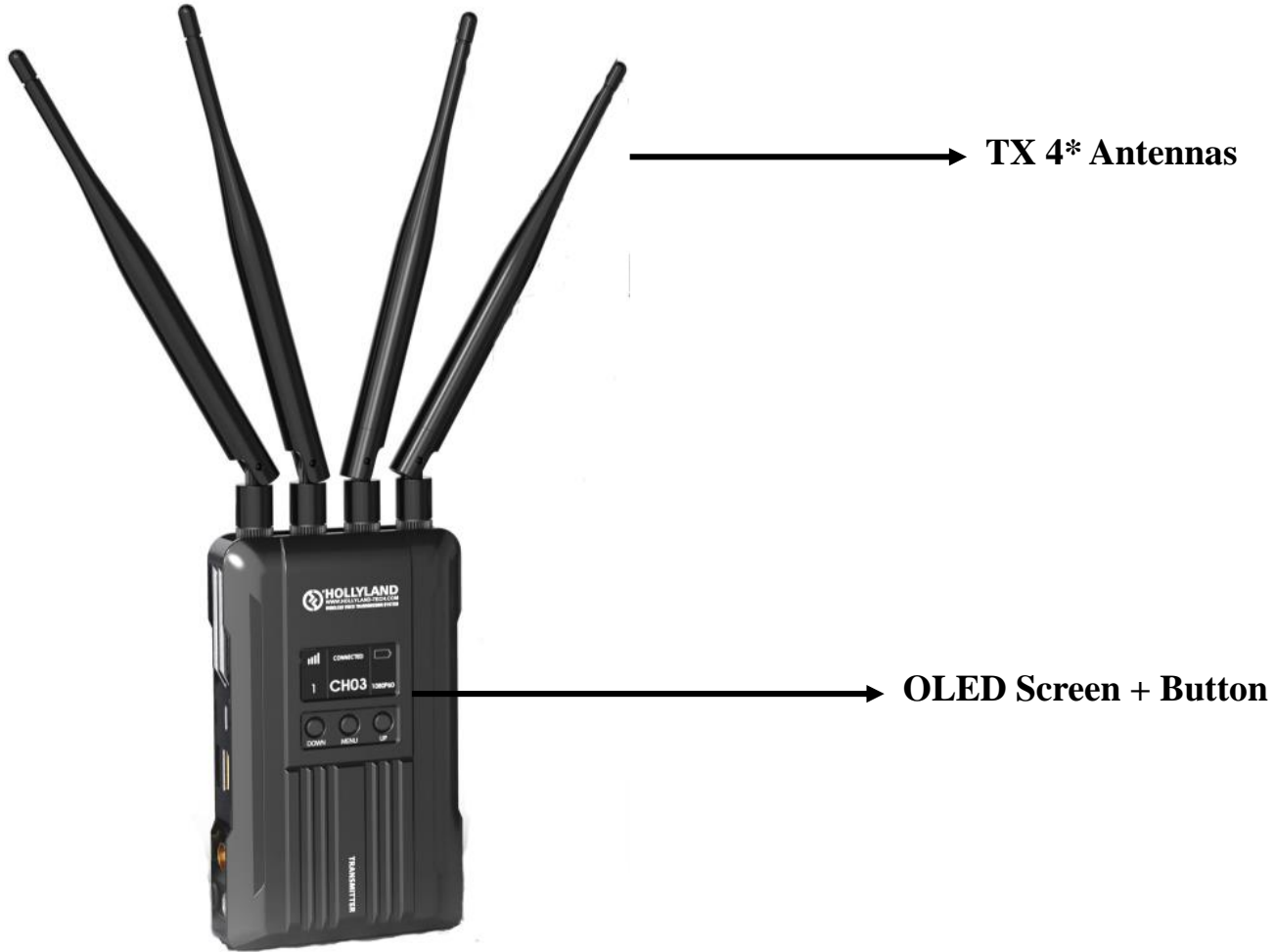
## ◆ PRODUCT FEATURES

1. **4 TX Synchronized A&V Transmission**
2. **Up to 1,800ft Range**
3. **0.07S Latency**
4. **SDI + HDMI Input & Output**
5. **1080P Full HD**
6. **RS422/RS485 Control**
7. **Tally Control**
8. **RTSP(Real-Time Streaming Protocol) Streaming**

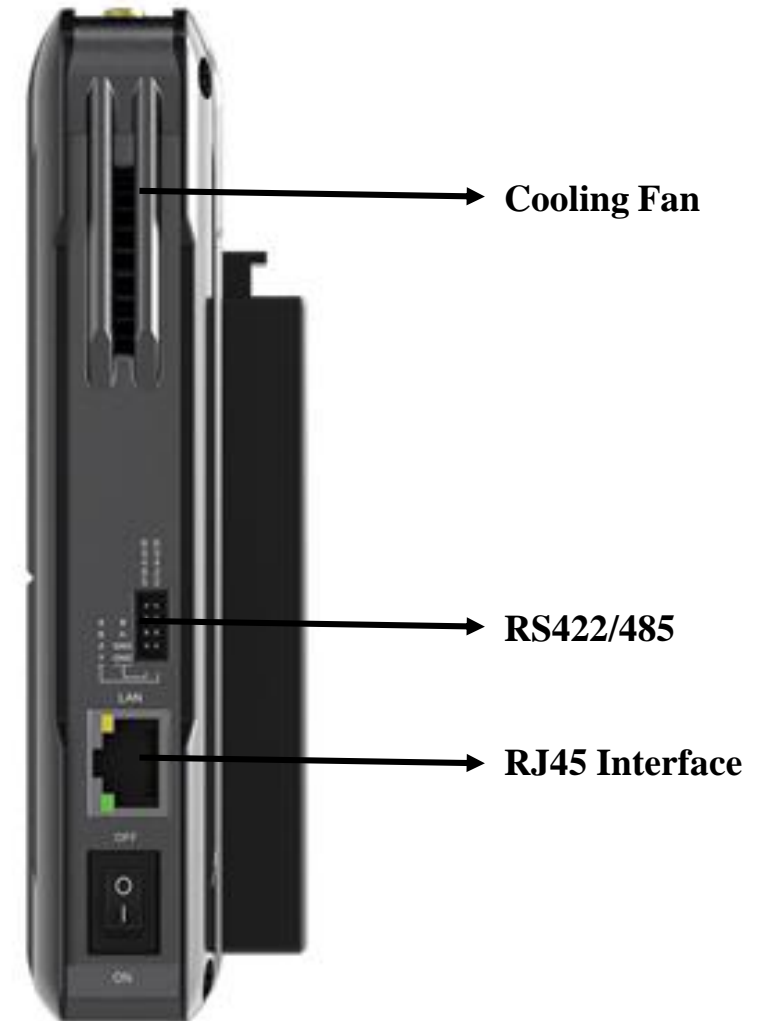
## ◆ PRODUCT PARAMETERS

	<b>TRANSMITTER</b>	<b>RECEIVER</b>
<b>Interface</b>	1*HDMI Input 1*SDI Input 4*Antenna( RP-SMA Male) DC Input, USB port (Type C) Channel button RS485/ RS422 port、 1000M-RJ45 port OLED TALLY output	4*HDMI Output 4*SDI Output 4*Antenna( RP-SMA Male) DC Input, USB port (type C) Pairing button, Channel button RS485/ RS422 port、 1000M-RJ45 port
<b>Power Supply Range</b>	<b>7-36V DC</b>	<b>7-36V DC</b>
<b>Power Consumption</b>	<b>&lt;10W</b>	<b>&lt;26W</b>
<b>Net Weight</b>	<b>467g</b>	<b>1539g</b>
<b>Size(mm)</b>	(L x W x H): 144*88*28mm	(L x W x H): 222*144*22mm
<b>Frequency</b>	<b>5.1-5.9GHz</b>	
<b>Input Video Format</b>	HDMI: 480P@60Hz.576P@50Hz.720P@50/60Hz. 1080i@50/60 Hz 1080P@25/30/50/60 Hz SDI: 3G, HD, and SD-SDI, SMPTE-259/274/292/372/424/425	
<b>Modulation Mode</b>	<b>OFDM</b>	
<b>Transmit Power</b>	<b>Max 23dBm</b>	
<b>Bandwidth</b>	<b>40MHz</b>	

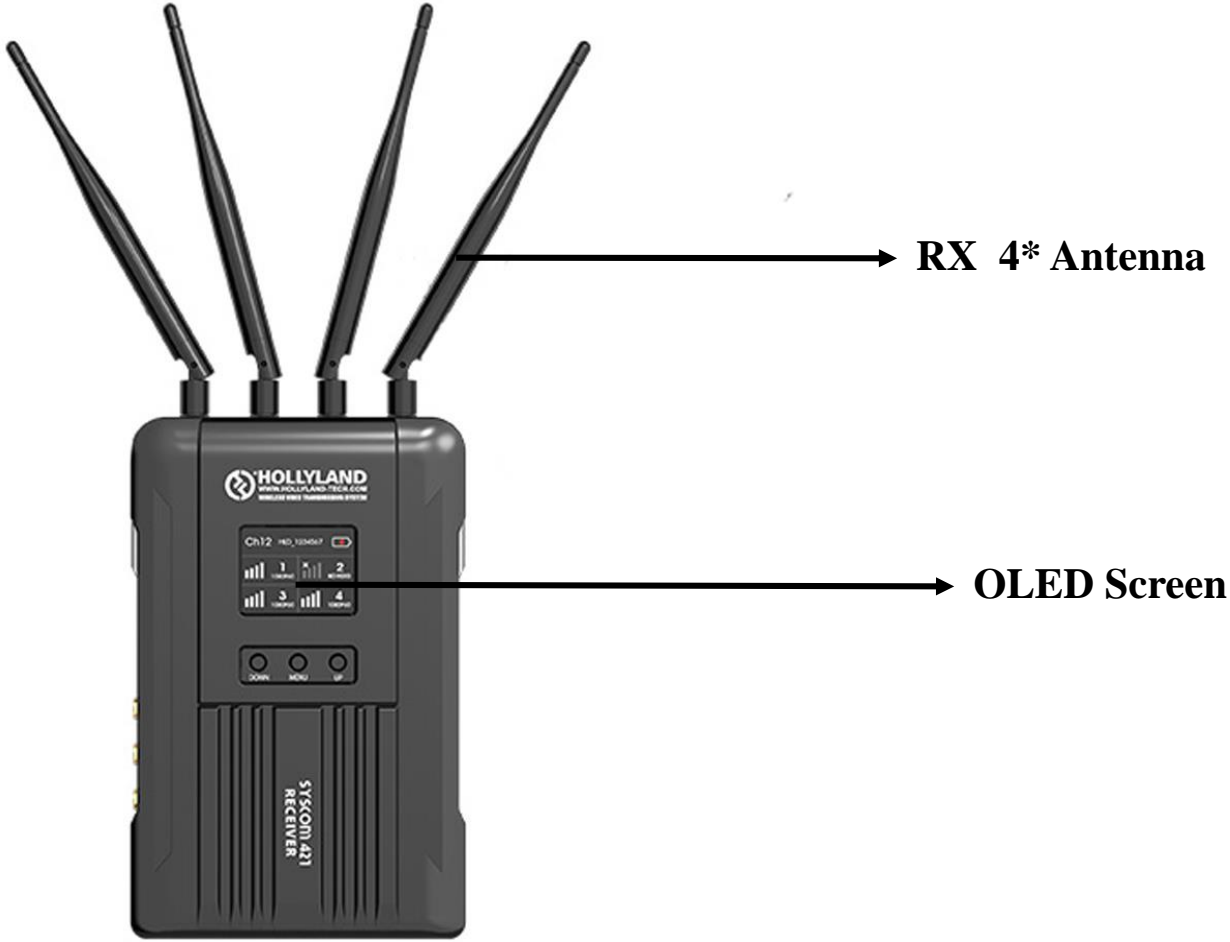
## ◆ TRANSMITTER INTERFACE



## ◆ TRANSMITTER INTERFACE



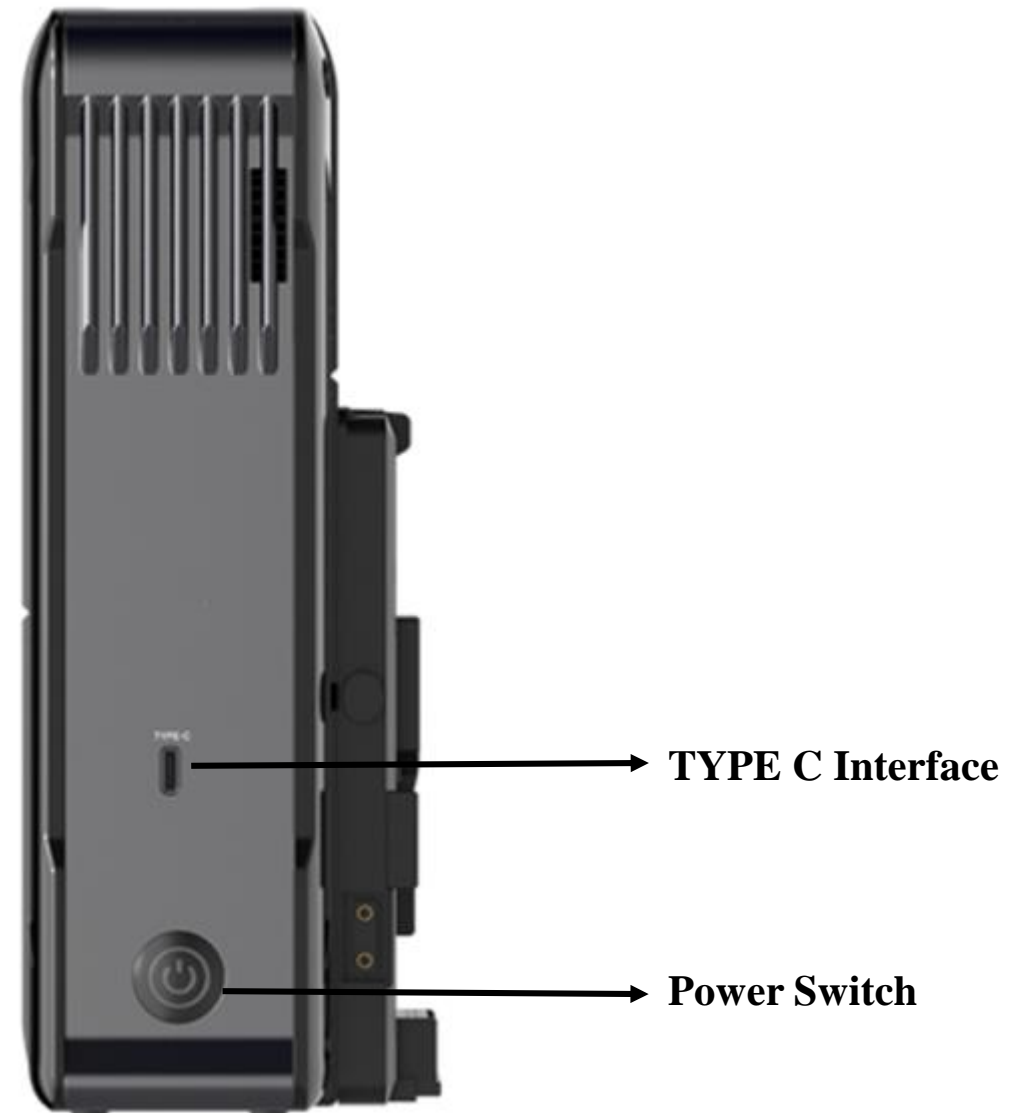
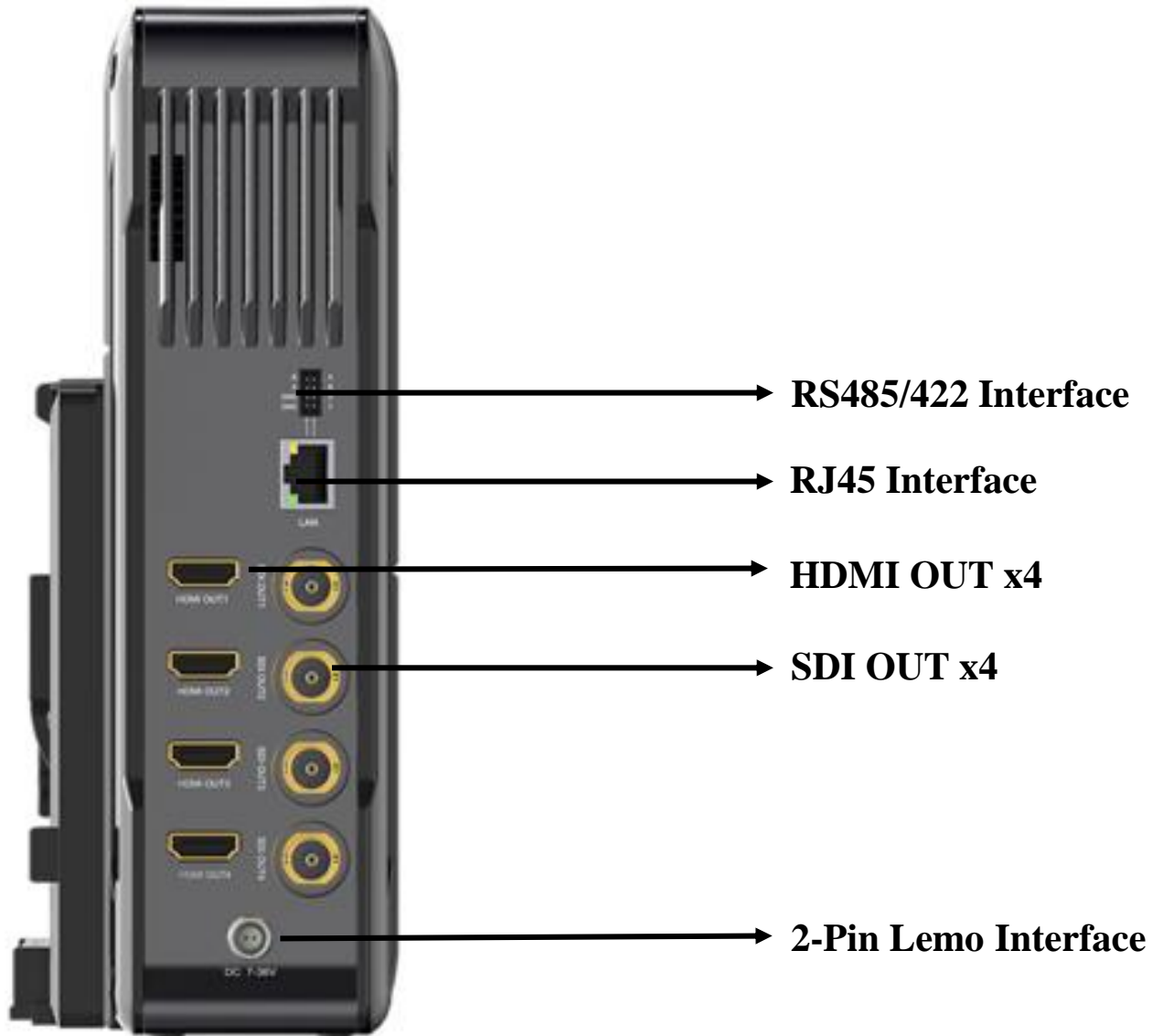
# ◆ RECEIVER INTERFACE



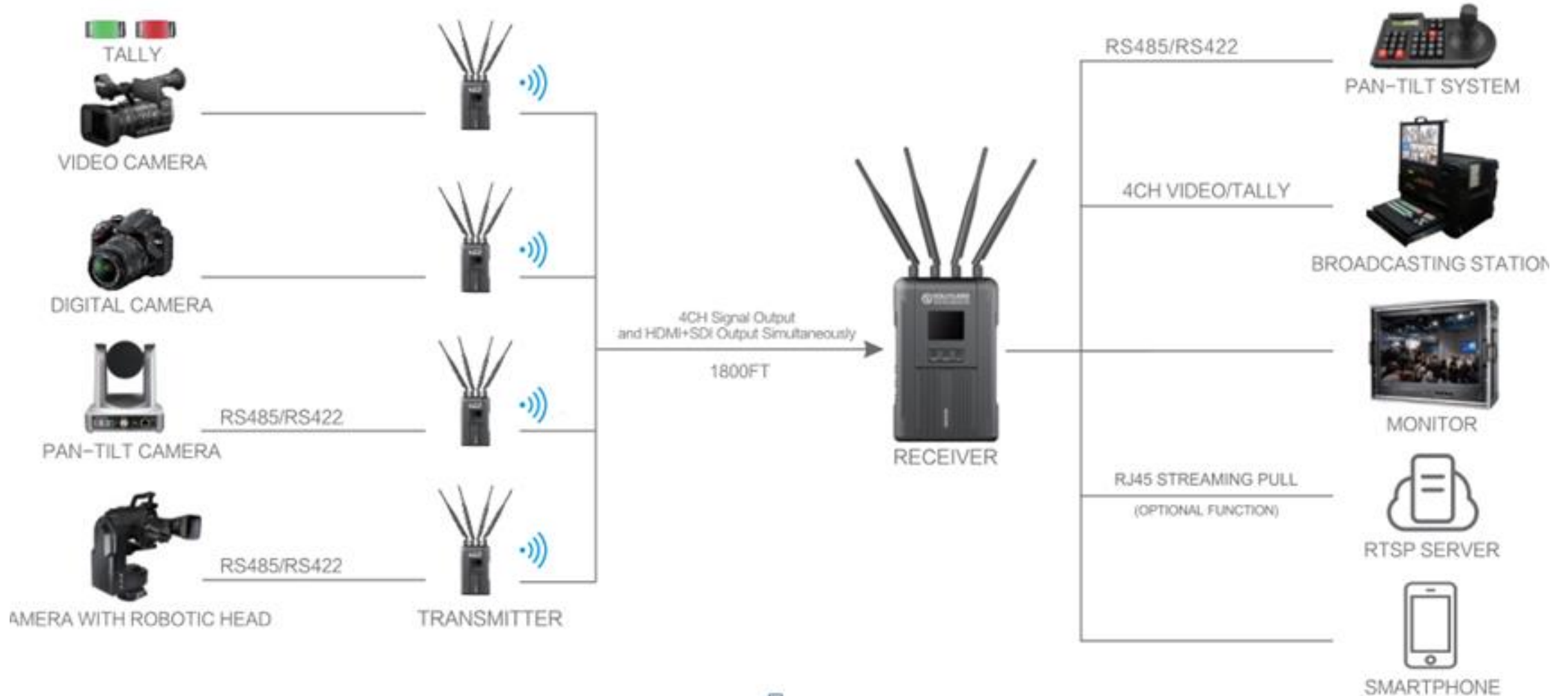
V - Mount Battery Plate



## ◆ RECEIVER INTERFACE



# ◆ CONNECTION DIAGRAM





## ◆ OLED DISPLAY

### RECEIVER

- **Signal Strength**
- **Scene Mode**
- **Device SSID**
- **Power Supply Voltage**
- **Video Format**
- **Channel Display**

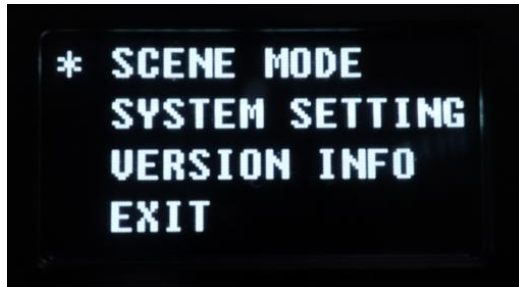


### TRANSMITTER

- **Signal Strength**
- **Channel Display**
- **Device SSID**
- **Power Supply Voltage**
- **Video Format**



## ◆ TRANSMITTER MENU



Long-press the “OK” button to enter the root menu on the transmitter



**PICTURE MODE:** prioritize the video monitoring over image quality when there is interference.

**BALANCE MODE:** balance the image quality and latency of the video monitoring when there is interference.

**SPEED MODE:** prioritize the video monitoring over low latency when there is interference.

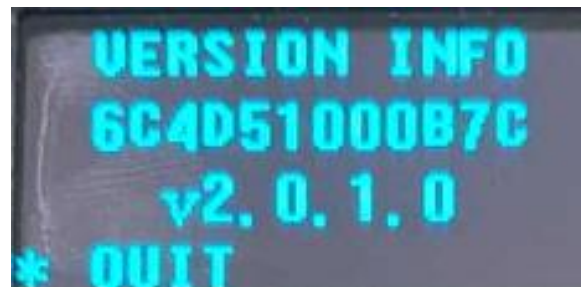


**LANGUAGE:** support multiple languages

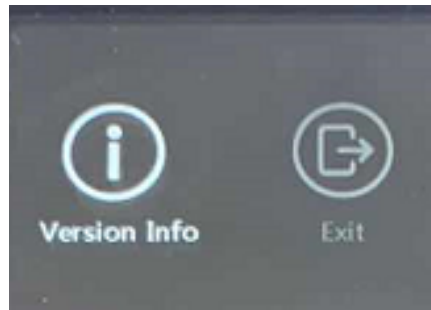
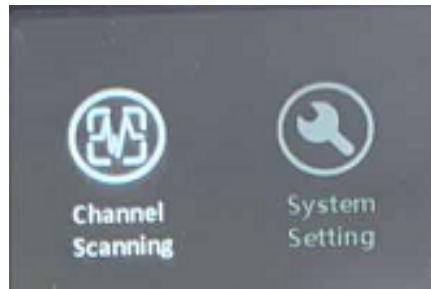
**SERIAL PORT:** RSS422/RS485 and BAUD RATE settings

**PAIR:** pair the transmitter and the receiver

**RESET DEFAULTS:** reset the device to default settings.



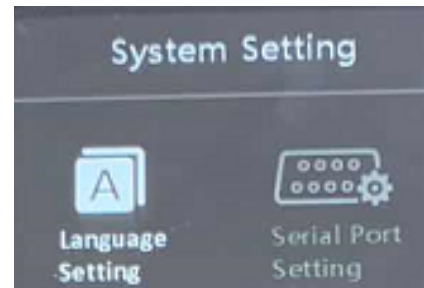
## ◆ RECEIVER MENU



Long-press the “OK” button to enter the root menu on the receiver



**CHANNEL SCAN:** Channels with “X” indicate that they are with interference

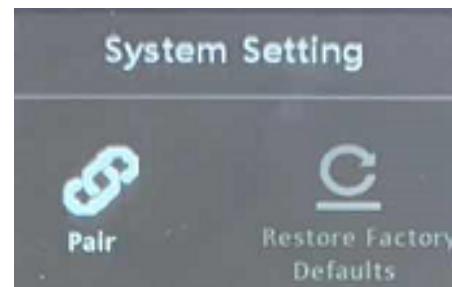


**LANGUAGE:** support multiple languages

**SERIAL PORT:** RSS422/RS485 and BAUD RATE settings

**PAIR:** pair the transmitter and the receiver

**RESET:** reset the device to default settings



## ◆ FAQ

### 1. How to switch to a different channel?

**Press the “ Up” or “ Down” button on the Transimtter and Press “ OK” button to confirm selection.**

### 2. How to choose a clean channel?

- **Go to the menu of the Receiver**
- **Select “ Channel Scan”**
- **Choose the frequency with “√”**

### 3. What is function of RS485/RS422 Interface?

**This feature is designed for PTZ camera wireless control.**

### 4. What is the function of the RJ45 interface?

**It is designed for RTSP streaming and PTZ camera wireless control.**

**THANK YOU**

