

# Pyro S

## Fuel Your Connections

Pyro S is a groundbreaking addition to the Hollyland Pyro Series lineup, which redefines wireless video transmission. Pyro S supports both HDMI and SDI input/output and can transmit to up to four receivers simultaneously, with a range of up to 1,300ft (400m) and minimal latency of just 50ms. Pyro S uses advanced Auto Dual-Band Hopping (ADH) technology to ensure reliable transmission and features selectable modes for your real-world shooting needs. Lighter and more durable than traditional models, Pyro S's magnesium alloy shell makes it easier to carry and handle. It's ideal for multi-user monitoring in dynamic shooting scenarios, such as film production, live events, and ENG/EFP applications.



1TX &  
4RX



Up to 1,300ft  
(400m)



0.05s Low  
Latency



2.4 GHz & 5 GHz  
Dual Band



Auto Frequency  
Hopping



HDMI &  
SDI



UVC & RTMP  
Streaming



4K30  
Transmission



## I Specifications

|                      | Transmitter                                                                                                                                                 | Receiver                                                                                                                                                    |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Port                 | DC Input: 2.0mm Core Socket<br>HDMI Input: HDMI 1.4b<br>SDI Input: 3G SDI<br>USB-C: USB 2.0 OTG<br>Antenna: SMA Male                                        | DC Input: 2.0mm Core Socket<br>HDMI Output: HDMI 1.4b<br>SDI Output: 3G SDI<br>USB-C: USB 2.0 OTG<br>Antenna: SMA Male                                      |
| Power Supply         | Battery Voltage Range: 6.8 ~ 8.4V<br>DC Voltage Range: 6 ~ 16V                                                                                              | Battery Voltage Range: 6.8 ~ 8.4V<br>DC Voltage Range: 6 ~ 16V                                                                                              |
| Power Consumption    | < 11W                                                                                                                                                       | < 8W                                                                                                                                                        |
| Net Weight           | 207g                                                                                                                                                        | 207g                                                                                                                                                        |
| Dimensions           | L × W × H: 112 × 71.2 × 34.1mm (4.4 × 2.8 × 1.3in.)                                                                                                         | L × W × H: 112 × 71.2 × 34.1mm (4.4 × 2.8 × 1.3in.)                                                                                                         |
| Operating Frequency  | 5 GHz Frequency Band<br>5.150 ~ 5.250 GHz<br>5.250 ~ 5.350 GHz<br>5.470 ~ 5.725 GHz<br>5.725 ~ 5.850 GHz<br><br>2.4 GHz Frequency Band<br>2.412 ~ 2.484 GHz | 5 GHz Frequency Band<br>5.150 ~ 5.250 GHz<br>5.250 ~ 5.350 GHz<br>5.470 ~ 5.725 GHz<br>5.725 ~ 5.850 GHz<br><br>2.4 GHz Frequency Band<br>2.412 ~ 2.484 GHz |
| Transmit Power       | < 23 dBm                                                                                                                                                    | /                                                                                                                                                           |
| Receiver Sensitivity | /                                                                                                                                                           | -85 dBm<br>(Broadcast: -80 dBm)                                                                                                                             |
| Latency              | as low as 50ms                                                                                                                                              | as low as 50ms                                                                                                                                              |
| Bandwidth            | 20 MHz (Broadcast: 40 MHz)                                                                                                                                  | 20 MHz (Broadcast: 40 MHz)                                                                                                                                  |
| Temperature          | -10 ~ 45°C (working)   -40 ~ 60°C (storage)                                                                                                                 | -10 ~ 45°C (working)   -40 ~ 60°C (storage)                                                                                                                 |

| 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                 | 3840*2160                 | 1080p50/59.94/60          |
| 30/25/24/29.97/23.98      | 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.