

Pyro 7

Fuel Your Connections

With Auto Dual-Band Hopping (ADH) technology, Pyro 7 is a 7-inch wireless monitor that supports 2.4GHz/5GHz dual-band transmission and automatic frequency hopping. It has a remarkable transmission range of up to 1,300ft (400m) and an incredibly low latency of only 60ms. The cutting-edge hardware design enables Pyro 7 to support one transmitter connecting to four receivers simultaneously, and it also offers the convenience of dual-camera monitoring through customizable shortcut keys. In addition, the upgraded HollyOS system provides enhanced image analysis capabilities and allows for video file export via an external SD card.



1TX &
4RX



1300ft (400m) &
60ms Latency



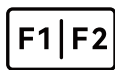
2.4GHz & 5GHz
Dual Band



Auto Frequency
Hopping



TX, RX, and Monitor
- All in One



Dual-View Quick
Monitoring Switch



7 Inch &
1200 nits



Precise Image
Analysis



SDI & HDMI
Loopout



RTMP
Streaming

I Specifications

Input Port	HDMI 1.4b + 3G SDI
Output Port	HDMI 1.4b + 3G SDI
Antenna	RP-SMA Male*2
Power Input	DC Input (2.0mm core socket)
Headphone Jack	3.5mm
Upgrade Port	USB-C (USB 2.0 OTG) SD Card Slot
Screen Size	7" Touchscreen
Screen Resolution	1920 × 1200 pixels
Pixel Density	323 PPI
Aspect Ratio	16:9
Screen Brightness	1200 nits
Contrast Ratio	1000:1
Power Input Voltage	10 - 18V/2.5A DC Input (nominal 12V)
Power Consumption	< 22W
Net Weigh	≈ 545g (19.2oz) with battery plate included and external antennas excluded
Dimensions (L × W × H)	180 × 127 × 31.8mm (7.1" × 5" × 1.25") with battery plate and external antennas excluded
Operating Frequency	5.1 - 5.8 GHz; 2.412 - 2.484 GHz
Transmit Power	≤ 23 dBm
Receiver Sensitivity	-80 dBm
Display Latency	< 50ms
Transmission Latency	≈ 60ms (test data when 1080p60 signals are transmitted in a laboratory)
LOS Range	1,300ft (400m)* (Connection to the monitoring app may affect the range); 650ft (200m)* (in Broadcast mode)
Bandwidth	20 MHz; 40 MHz (in Broadcast mode)
Audio Format	HDMI 1.4b 8-Channel
Operating Temperature	- 10°C - 45°C
Storage Temperature	- 40°C - 60°C

HDMI Input	HDMI Loopout	SDI Loopout	HDMI/SDI Output
720p50/59.94/60	720p50/59.94/60	720P50/60	720P50/60
1080i50/59.94/60	1080i50/59.94/60	1080i50/60	1080i50/60
1080p23.98/24/25/29.97/30	1080p23.98/24/25/29.97/30	1080p24/25/30	1080p24/25/30
1080p50/59.94/60	1080p50/59.94/60	1080p 50/60	1080p 50/60
3840*2160 23.98/24/25/29.97/30	3840*2160 23.98/24/25/29.97/30	1920*1080 24/25/30	1920*1080 24/25/30

SDI Input	SDI/HDMI Loopout	SDI/HDMI Output
1080p50/59.94/60 (Level A)	1080p50/59.94/60(Level A)	1080p50/59.94/60(Level A)
1080p50/59.94/60 (Level B)		
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
1080psf23.98/24	1080p23.98/24	1080p23.98/24
1080psf25/29.97/30	1080i50/59.94/60	1080i50/59.94/60
720p50/59.94/60	720p50/59.94/60	720p50/59.94/60