HOLLYLAND

Video Solutions Product Comparison

Find the right product for you



Pyro Ultra



Vcore



Cosmo C2



Mars 4K



Mars 400S Pro II



Cosmo C1



Mars 400S Pro



Mars 300 Pro



Syscom 421S



Pyro H



Pyro S

Summary

TX RX	TX	TX TX RX	TX RX	TX RX	TX RX	TX RX	TX RX	TX TX TX TX RX	TX RX	TX RX
1 Transmitter 1 Receiver	1 Transmitter	2 Transmitters 1 Receiver	1 Transmitter 1 Receiver	1 Transmitter 1 Receiver	1 Transmitter 1 Receiver	1 Transmitter 1 Receiver	1 Transmitter 1 Receiver	4 Transmitters 1 Receiver	1 Transmitter 1 Receiver	1 Transmitter 1 Receiver
4,900 (1.5km)	350ft (100m)	3,000ft (1,000m)	450ft (150m)	450ft (150m)	1,000ft (300m)	400ft (120m)	300ft (100m)	1,800ft (550m)	1,300ft (400m)	1,300ft (400m)
0.02s Latency	0.065s Latency	0.033s Latency	0.06s Latency	0.07s Latency	0.04s Latency	0.1s Latency	0.1s Latency	0.07s Latency	0.06s Latency	0.05s Latency
2.4/5GHz 2.4/5 GHz (Dual-Band)	**5GHz** 5 GHz (Single-Band)	**5GHz** 5 GHz (Single-Band)	**5GHz** 5 GHz (Single-Band)	**5GHz** 5 GHz (Single-Band)	**5GHz** 5 GHz (Single-Band)	**5GHz** 5 GHz (Single-Band)	**5GHz** 5 GHz (Single-Band)	**5GHz** 5 GHz (Single-Band)	**2.4/5GHz** 2.4/5 GHz (Dual-Band)	**2.4/5GHz** 2.4/5 GHz (Dual-Band)
Up to 12Mbps	Up to 12Mbps	Up to 12Mbps	Up to 12Mbps	Up to 12Mbps	Up to 12Mbps	Up to 12Mbps	Up to 8Mbps	8Mbps	Up to 12Mbps	Up to 12Mbps
LIVE	LIVE	LIVE	LIVE	LIVE	LIVE	LIVE	LIVE	LIVE	LIVE	LIVE
UVC Streaming RTMP Streaming	RTMP Streaming Live Streaming Via App	Embedded UVC RTMP Streaming NDI Streaming	Live Streaming Via App (iOS Only)	Live Streaming Via App (iOS Only)	Embedded UVC	Live Streaming Via App (iOS Only)	Live Streaming Via App (iOS Only)	RTSP	Embedded UVC Live Streaming Via App (iOS Only)	Embedded UVC RTMP Streaming Live Streaming Via App (iOS Only)
AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
Auto Frequency Hopping	Not Supported	Auto Frequency Hopping	Not Supported	Not Supported	Auto Frequency Hopping	Not Supported	Not Supported	Not Supported	Not Supported	Auto Frequency Hopping
Receiver Channel Scan	Not Supported	Receiver Channel Scan	App + Receiver Channel Scan	App + Receiver Channel Scan	Receiver Channel Scan	App + Receiver Channel Scan	App + Receiver Channel Scan	Receiver Channel Scan	Receiver Channel Scan	Receiver Channel Scan
APP	APP	APP	APP	APP	APP	APP	APP	APP	APP	APP
1 Transmitter → 2 Apps + 4 Receivers (Non-Broadcast Mode) 1 Transmitter → Infinite Receivers (Broadcast Mode)	1 Transmitter → 4 Apps 1 Transmitter → 2 Apps + 1 Receiver 1 Transmitter → 2 Receivers	/	4 Apps 1 Receiver + 2 Apps 2 Receiver + 0 Apps	4 Apps 1 Receiver + 2 Apps 2 Receiver + 0 Apps	Not Supported	4 Apps 1 Receiver + 2 Apps 2 Receiver + 0 Apps	3 Apps 1 Receiver + 2 Apps	Not Supported	4 Receivers (broadcast mode) 1 Receiver + 2 Apps (non-broadcast mode) 2 Receiver + 2 Apps (non-broadcast mode)	4 Receivers (broadcast mode) 1 Receiver + 2 Apps (non-broadcast mode) 2 Receiver + 2 Apps (non-broadcast mode)
SCREEN	SCREEN	SCREEN	SCREEN	SCREEN	SCREEN	SCREEN	SCREEN	SCREEN	SCREEN	SCREEN
LCD Screen	LCD Screen	LCD Screen	LCD Screen	LCD Screen	LCD Screen	LCD Screen	LCD Screen	LCD Screen	LCD Screen	LCD Screen
REC	REC	REC	REC	REC	REC	REC	REC	REC	REC	REC
/	Recording Features (Triggered by camera)	/	/	/	/	/	/	/	/	/

Interface

Transmitter HDMI IN *1 HDMI LOOPOUT * 1 SDI IN * 1 Type-C * 1	**Transmitter** HDMI IN *1 USB OUT *1	**Transmitter** SDI IN *1 HDMI IN *1 SDI Loopout *1	**Transmitter** SDI IN *1 HDMI IN *1	**Transmitter** SDI IN *1 HDMI IN *1	**Transmitter** SDI IN *1 SDI LOOPOUT *1 HDMI IN *1	**Transmitter** SDI IN *1 HDMI IN *1	**Transmitter** HDMI IN *1 HDMI LOOPOUT *1	**Transmitter** SDI IN *1 HDMI IN *1	**Transmitter** HDMI IN *1 HDMI LOOPOUT *1	**Transmitter** SDI IN *1 HDMI IN *1
Receiver HDMI OUT * 1 SDI OUT * 1 Type-C * 1	**Receiver** / /	**Receiver** SDI OUT *2 HDMI OUT *2	**Receiver** SDI OUT *1 HDMI OUT *1	**Receiver** SDI OUT *1 HDMI OUT *1	**Receiver** SDI OUT *2 HDMI OUT *1	**Receiver** SDI OUT *1 HDMI OUT *1	**Receiver** HDMI OUT *2	**Receiver** SDI OUT *4 HDMI OUT *4	**Receiver** HDMI OUT *1	**Receiver** SDI OUT *1 HDMI OUT *1

Power Option

DC Power Source (6V–16V) NP-F Battery V-mount Battery	USB-C Input Built-in Battery	DC Power Source (6V–16V) NP-F Battery (Transmitter) V-mount Battery (Receiver)	DC Power Source (6V–16V) USB Type-C Power Source NP-F Battery	DC Power Source (6V–16V) USB Type-C Power Source NP-F Battery	DC Power Source (12V) USB Type-C Power Source NP-F Battery	DC Power Source (12V) USB Type-C Power Source NP-F Battery	/ USB Type-C Power Source NP-F Battery	DC Power Source / NP-F Battery for TX	DC Power Source (6V–16V) USB Type-C Power Source (not supported in Broadcast mode) NP-F Battery	DC Power Source (6V–16V) / NP-F Battery

Input/Output Video Format On Transmitter

HDMI Input Resolution 3840*2160p23.98/24/25/29.97/30/50/59.94/60 1080p23.98/24/25/29.97/30/50/59.94/60 720p50/59.94/60	**HDMI Input Resolution** 3840*2160p23.98/24/25/29.97/30 1080p23.98/24/25/29.97/30/50/59.94/60 720p50/59.94/60	**HDMI Input** 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60	**HDMI** 3840*2160p24/25/30 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60	**HDMI** 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.95/60 720p50/59.94/60	**HDMI** 1080p23.97/24/25/29.97/30/50/59.94/60 1080i50/59.95/60 720p50/59.94/60	**HDMI** 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.95/60 720p50/59.94/60	**HDMI** 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.95/60 720p50/59.94/60	**HDMI** 1080p24/25/30/50/60 1080i50/60 720p50/60	**HDMI** 3840*2160p24/25/30 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60	**HDMI** 3840*2160p23.98/24/25/29.97/30 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60
SDI 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60	**SDI** /	**SDI Input** 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60	**SDI** 1080p50/59.94/60 (Level A) 1080p50/59.94/60 (Level B) 1080p23.98/24/25/29.97/30 1080psf23.98/24/25/29.97/30 1080i50/59.94/60 720p50/59.94/60	**SDI** 1080p60/59.94/50 (Level A) 1080p60/59.94/50 (Level B) 1080p23.98/24/25/29.97/30/50/59.94/60 1080psf23.98/24/25/29.97/30 1080i50/59.94/60 720p50/59.94/60	**SDI** 1080p60/59.94/50 (Level A) 1080p60/59.94/50 (Level B) 1080p23.98/24/25/29.97/30/50/59.94/60 1080psf23.98/24/25 720p50/59.94/60	**SDI** 1080p60/59.94/50 (Level A) 1080p60/59.94/50 (Level B) 1080p23.98/24/25/29.97/30/50/59.94/60 1080psf23.98/24/25 1080i50/59.94/60 720p50/59.94/60	**SDI** /	**SDI** 1080p24/25/30/50/60 1080i50/60 720p50/60	**HDMI LOOPOUT** 3840*2160p24/25/30 1080p24/25/30/50/60 1080i50/60 720p50/60	**SDI** 1080p23.98/24/25/29.97/30/50/59.94/60 1080psf23.98/24/25/29.97/30 1080i50/59.94/60 720p50/59.94/60
USB-C Output Resolution /	**USB-C Output Resolution** 3840*2160p23.98/24/25/29.97/30 1080p23.98/24/25/29.97/30/50/59.94/60 720p50/59.94/60	**USB-C Output Resolution** /	**USB-C Output Resolution** /	**USB-C Output Resolution** /	**USB-C Output Resolution** /	**USB-C Output Resolution** /	**USB-C Output Resolution** /	**USB-C Output Resolution** /	**USB-C Output Resolution** /	**USB-C Output Resolution** /

Input/Output Video Format On Receiver

HDMI 3840*2160p23.98/24/25/29.97/30/50/59.94/60 1080p23.98/24/25/29.97/30/50/59.94/60 720p50/59.94/60	**SDI/HDMI LOOP OUT** /	**HDMI OUT** 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60	**HDMI** 3840*2160p24/25/30 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60	**HDMI** 1080p24/25/30/50/60 1080i50/60 720p50/60	**HDMI** 1080p24/25/30/50/60 1080i50/60 720p50/60	**HDMI** 1080p24/25/30/50/60 1080i50/60 720p50/60	**HDMI** 1080p24/25/30/50/60 1080i50/60 720p50/60	**HDMI** 1080p24/25/30/50/60 1080i50/60 720p50/60	**HDMI** 3840*2160p24/25/30 1080p24/25/30/50/60 1080i50/60 720p50/60	**HDMI** 3840*2160p23.98/24/25/29.97/30 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60
SDI 1080p23.98/24/25/29.97/30/50/60 720p50/59.94/60	**SDI** /	**SDI OUT** 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60	**SDI** 1080p50/59.94/60 (Level A) 1080p23.98/24/25/29.97/30 1080i50/59.94/60 720p50/59.94/60	**SDI** 1080p50/60 (Level A) 1080p24/25/30 1080psf24 1080i50/60 720p50/60	**SDI** 1080p50/60 (Level A) 1080p24/25/30 1080psf24/25 1080i50/60 720p50/60	**SDI** 1080p50/60 (Level A) 1080p24/25/30 1080i50/60 720p50/60	**SDI** /	**SDI** 1080p24/25/30/50/60 1080i50/60 720p50/60	**SDI** /	**SDI** 1080p23.98/24/25/29.97/30/50/59.94/60 1080psf23.98/24/25/29.97/30 1080i50/59.94/60 720p50/59.94/60

The above data is based on Hollyland lab test results; actual performance may vary.