HOLLYLAND

Video Solutions Product Comparison

Find the right product for you

Summary

	Vcore	Pyro 5	Cosmo C2	Mars 4K	Mars 400S Pro II	Cosmo C1	Mars 400S Pro	Mars 300 Pro	Syscom 421S	Pyro H	Pyro S	Pyro 7	Mars M1 Enhanced
	TX	TX, RX, and Monitor - All in One	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	TX, RX, and Monitor - All in One	TX, RX, and Monitor - All in One
	350ft (100m)	With Easy Install Antenna: 1,000ft (300m) With Pyro H/S Antenna: up to 1,300ft (400m)	3,000ft (1,000m)	450ft (150m)	450ft (150m)	1,000ft (300m)	400ft (120m)	300ft (100m)	1,800ft (550m)	1,300ft (400m)	1,300ft (400m)	1,300ft (400m)	450ft (150m)
	0.065s Latency	0.06s 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	0.06s Latency	0.08s Latency
	5GHz 5 GHz (Single-Band)	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)	2.4/5GHz 2.4/5 GHz (Dual-Band)	2.4/5GHz 2.4/5 GHz (Dual-Band)	2.4/5GHz 2.4/5 GHz (Dual-Band)	5GHz 5 GHz (Single-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	Up to 12Mbps	Up to 12Mbps
	LIVE RTMP Streaming Live Streaming Via App	LIVE RTMP Streaming Live Streaming Via App (iOS Only)	LIVE Embedded UVC RTMP Streaming NDI Streaming	LIVE Live Streaming Via App (iOS Only)	LIVE Live Streaming Via App (iOS Only)	LIVE Embedded UVC	LIVE Live Streaming Via App (iOS Only)	LIVE Live Streaming Via App (iOS Only)	LIVE RTSP	LIVE Embedded UVC Live Streaming Via App (iOS Only)	LIVE Embedded UVC RTMP Streaming Live Streaming Via App (iOS Only)	LIVE RTMP Streaming Live Streaming Via App (iOS Only)	LIVE Not Supported Live Streaming Via App (iOS Only)
	Not Supported	Auto Frequency Hopping	Auto Frequency Hopping	Not Supported	Not Supported	Auto Frequency Hopping	Not Supported	Not Supported	Not Supported	Not Supported	Auto Frequency Hopping	Auto Frequency Hopping (Will lost 1 second signal)	Not Supported
	Not Supported	Channel Scan (Receiver Mode)	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	Channel Scan (Receiver Mode)	Channel Scan (Receiver Mode)
	APP 1 Transmitter → 4 Apps 1 Transmitter → 2 Apps + 1 Receiver 1 Transmitter → 2 Receivers -	APP 4 Apps 2 Receivers + 2 Apps (non-broadcast mode) 1 Receiver + 2 Apps (non-broadcast mode)	APP /	APP 4 Apps 1 Receiver + 2 Apps 2 Receivers + 0 Apps	APP 4 Apps 1 Receiver + 2 Apps 2 Receivers + 0 Apps	APP /	APP 4 Apps 1 Receiver + 2 Apps 2 Receivers + 0 Apps	APP 3 Apps 1 Receiver + 2 Apps	APP /	APP 4 Receivers (broadcast mode) 1 Receiver + 2 Apps (non-broadcast mode) 2 Receivers + 2 Apps (non-broadcast mode)	APP 4 Receivers (broadcast mode) 1 Receiver + 2 Apps (non-broadcast mode) 2 Receivers + 2 Apps (non-broadcast mode)	APP 4 Receivers (broadcast mode) 1 Receiver + 2 Apps (non-broadcast mode) 2 Receivers + 2 Apps (non-broadcast mode)	APP 4 Apps 1 Receiver + 2 Apps 2 Receivers + 0 Apps
	/	1,500 nits	/	/	/	/	/	/	/	/	/	1,200 nits	1,000 nits
	/	5.5" Touchscreen	7" /	7" /	7" /	7" /	7" /	7" /	7" /	7" /	7" /	7" Touchscreen	5.5" Touchscreen
	REC Recording Features (Triggered by camera)	REC Recording Features	REC /	REC /	REC /	REC /	REC /	REC /	REC /	REC /	REC /	REC Recording Features	REC Recording Features
	/	/	/	/	/	/	/	/	/	/	/	Overlays	/

Interface

	Vcore	Pyro 5	Cosmo C2	Mars 4K	Mars 400S Pro II	Cosmo C1	Mars 400S Pro	Mars 300 Pro	Syscom 421S	Pyro H	Pyro S	Pyro 7	Mars M1 Enhanced
Transmitter	HDMI IN *1 USB OUT *1	HDMI IN *1	SDI IN *1 HDMI IN *1 SDI Loopout *1	SDI IN *1 HDMI IN *1	SDI IN *1 HDMI IN *1	SDI IN *1 SDI LOOPOUT *1 HDMI IN *1	SDI IN *1 HDMI IN *1	HDMI IN *1 HDMI LOOPOUT *1	SDI IN *1 HDMI IN *1	HDMI IN *1 HDMI LOOPOUT *1	SDI IN *1 HDMI IN *1	SDI IN *1 HDMI IN *1	SDI IN *1 HDMI IN *1
Receiver	/ /	HDMI LOOPOUT *1 SDI IN *1	SDI OUT *2 HDMI OUT *2	SDI OUT *1 HDMI OUT *1	SDI OUT *1 HDMI OUT *1	SDI OUT *2 HDMI OUT *1	SDI OUT *1 HDMI OUT *1	HDMI OUT *2	SDI OUT *4 HDMI OUT *4	HDMI OUT *1	SDI OUT *1 HDMI OUT *1	SDI LOOPOUT *1 HDMI LOOPOUT *1	HDMI LOOPOUT *1

Power Option

	Vcore	Pyro 5	Cosmo C2	Mars 4K	Mars 400S Pro II	Cosmo C1	Mars 400S Pro	Mars 300 Pro	Syscom 421S	Pyro H	Pyro S	Pyro 7	Mars M1 Enhanced
	USB-C Input Built-in Battery	DC Power Source (6V–16V) NP-F 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	DC Power Source (10V–18V) / NP-F Battery V-mount (Optional) G-mount (Optional)	DC Power Source (7V–16V) / NP-F Battery

Input/Output Video Format On Transmitter

	Vcore	Pyro 5	Cosmo C2	Mars 4K	Mars 400S Pro II	Cosmo C1	Mars 400S Pro	Mars 300 Pro	Syscom 421S	Pyro H	Pyro S	Pyro 7	Mars M1 Enhanced
HDMI Input Resolution	720p50/59.94/60 1080p23.98/24/25/29.97/30/50/59.94/60 3840*2160p23.98/24/25/29.97/30	**HDMI** 720p50/59.94/60 1080i50/59.94/60 1080p23.98/24/25/29.97/30/50/59.94/60	**HDMI Input** 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60	**HDMI** 3840*2160 24/25/30 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 1080i50/59.94/60 720p50/59.94/60	**HDMI** 1080p23.97/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60	**HDMI** 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60	**HDMI** 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** 3840*2160 24/25/30 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60	**HDMI** 3840*2160 23.98/24/25/29.97/30 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60	**HDMI IN** 3840*2160 24/30 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60	**HDMI** 4096*2160p23.98/24/25/29.97/30 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	/	**SDI** 720p50/59.94/60 1080psf25/29.97/30 1080psf23.98/24 1080p23.98/24/25/29.97/30 1080i50/59.94/60 1080p50/59.94/60 (Level A) 1080p50/59.94/60 (Level B)	**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	**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*2160 24/25/30 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	**SDI IN** 1080p50/59.94/60(Level A/B) 1080p23.98/24/25/29.97/30 1080psf23.98/24/25/29.97/30 1080i50/59.94/60 720p50/59.94/60	**SDI** 1080p50/59.94/60 (3G-SDI level A/level B) 1080p23.98/24/25/29.97/30 1080i50/59.94/60 720p50/59.94/60
USB-C Output Resolution	720p50/59.94/60 1080p23.98/24/25/29.97/30/50/59.94/60 3840*2160p23.98/24/25/29.97/30	**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** /	**USB-C Output Resolution** /	**USB-C Output Resolution** /	**USB-C Output Resolution** /

Input/Output Video Format On Receiver

	Vcore	Pyro 5	Cosmo C2	Mars 4K	Mars 400S Pro II	Cosmo C1	Mars 400S Pro	Mars 300 Pro	Syscom 421S	Pyro H	Pyro S	Pyro 7	Mars M1 Enhanced
SDI/HDMI LOOP OUT	/	**HDMI LOOP OUT** 720p50/59.94/60 1080i50/59.94/60 1080psf23.98/24 1080p23.98/24 /25/29.97/30 1080i50/59.94/60 1080p50/59.94/60(Level A)	**HDMI Out** 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60	**HDMI** 3840*2160 24/25/30 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*2160 24/25/30 1080p24/25/30/50/60 1080i50/60 720p50/60	**HDMI** 3840*2160 23.98/24/25/29.97/30 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60	**SDI/HDMI LOOP OUT** 3840*2160 24/30(HDMI) 1080p50/59.94/60(Level A) 1080p23.98/24/25/29.97/30/50/59.94/60 1080p30(SDI) 1080i50/59.94/60 720p50/59.94/60	**HDMI OUT** 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60
SDI	/	**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	**SDI/HDMI OUT** 1080p50/59.94/60 (Level A) 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60	**SDI OUT** 1080p50/59.94/60 (3G-SDI level A) 1080p23.98/24/25/29.97/30 1080i50/59.94/60 720p50/59.94/60

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