



Zio 4000

Video Wall Processors with Advanced AV-over-IP Capabilities

Introducing the First Video Wall Processor Fully Integrated with an AV-over-IP Platform

The *Zio* 4000 series expands RGB Spectrum's AV-over-IP product family with a full function video wall processor capable of working in a standalone environment or as part of a *Zio* AV-over-IP system. The feature-rich *Zio* 4000 supports 4K 60Hz resolution end-to-end with a mix of local baseband, IP video as well as web-based inputs.

The powerful drag and drop *Zio* GUI provides quick and easy configuration of the video wall, eliminating the need for advanced device programming skills. Live thumbnail previews of baseband and *Zio* IP sources, and user-defined presets for layouts and routing, are among the many easy-to-use features.

The versatile *Zio* 4000 is ideal for standalone or enterprise-wide applications including mission-critical operations, command centers, boardrooms, lobby displays, and digital signage.

The *Zio* platform delivers reliable AV-over-IP distribution and management across WANs as well as LANs using standard 1 Gigabit Ethernet. The *Zio* product family includes encoders, decoders, multiviewers, wall processors, and apps for smart displays and mobile devices.

Key Benefits

- Inputs and outputs to 4Kp60
- Baseband + IP video
- Operates standalone or as part of an AV-over-IP system
- Highly-intuitive drag and drop GUI
- Live thumbnail previews



[Learn more at rgb.com](http://rgb.com)

SPECIFICATIONS

	W4018	W4018-A	W4024
Physical			
Size (H x W x D)	6.5 x 17.3 x 18.2 in (4RU) 165 x 440 x 460 mm	14.8 x 66.9 x 16.8 in (Tower) 376 x 1700 x 427 mm	6.5 x 17.3 x 18.2 inches (4RU) 165 x 440 x 460 mm
Weight	27 lbs / 12 kg	32 lbs / 14.5 kg	29 lbs / 13 kg
Power			
Power Supply	100-240 VAC; 50/60 Hz 690 W single	100-240 VAC; 50/60 Hz 625 W single	100-240 VAC; 50/60 Hz 1000 W single
<i>Actual power consumption depends on specific configuration.</i>			
Environmental			
Operating Temp	+50 to +95 °F (+10 to +35 °C)	+50 to +95 °F (+10 to +35 °C)	+50 to +95 °F (+10 to +35 °C)
Storage Temp	+14 to +140 °F (-10 to +60 °C)	+14 to +140 °F (-10 to +60 °C)	+14 to +140 °F (-10 to +60 °C)
Operating Humidity	10% to 80% non-condensing	10% to 80% non-condensing	10% to 80% non-condensing
Processor			
CPU	Intel® Xeon® W-2123 3.6 GHz	Intel® Xeon® W-2223 3.6 GHz	AMD Ryzen™ Threadripper™ Pro 3945WX 4.0 GHz
Memory	16 GB DDR4 2666 MHz	16 GB DDR4 2666 MHz	32 GB DDR4 3200 MHz
Hard Disk	256 GB SSD (No RAID option)	512 GB SSD (No RAID option)	256 GB SSD; RAID option
Control			
Network	1x Ethernet TCP/IP 10/100/1000 Base-T	1x Ethernet TCP/IP 10/100/1000 Base-T	1x Ethernet TCP/IP 10/100/1000 Base-T
Input/Output			
Output Number	8 max	8 max	16 max
Inputs	DVI: up to 1920x1200 @ 60 Hz, 2560x1600 @ 30 Hz HDMI & DisplayPort: up to 4096x2160 @ 60 Hz, up to 10-bit per component SDI: up to 12G / 4096x2160 @ 60 Hz S-Video: NTSC/PAL/SECAM Composite: NTSC/PAL/SECAM IP: up to 3840x2160 @ 60 Hz H.264		
Outputs	DVI: up to 2048x1152 @ 60 Hz, 2560x1600 @ 30 Hz HDMI & DisplayPort: up to 4096x2160 @ 60 Hz IP: up to 3840x2160 @ 60 Hz		

Number of input and output channels depends on chassis size and customer configuration.

Specifications subject to change.

Models W4018, 4018-A, W4024



Front Panel



Rear Panel

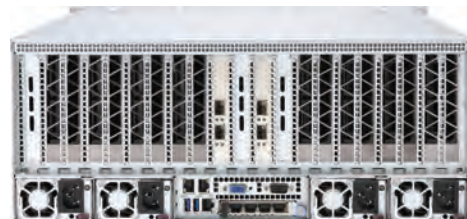
SPECIFICATIONS

	W4028	W4028-RP	W4040-A
Physical			
Size (H x W x D)	7.0 x 19.0 x 21.5 in (4RU) 177 x 483 x 546 mm	7.0 x 19.0 x 21.5 in (4RU) 177 x 483 x 546 mm	17.2 x 7.0 x 29.0 in (4RU) 437 x 178 x 737 mm
	40 lbs / 18 kg	40 lbs / 18 kg	65 lbs / 29.7 kg
Power			
Power Supply	100-240 VAC; 50/60 Hz 850 W single	100-240 VAC; 50/60 Hz 1200 W 1+1 redundant, hot swappable	115-230 VAC; 50/60 Hz 2000 W 2+2 redundant, hot swappable
<i>Actual power consumption depends on specific configuration.</i>			
Environmental			
Operating Temp	+32 to +104 °F (0 to +40 °C)	+32 to +104 °F (0 to +40 °C)	+50 to +95 °F (+10 to +35 °C)
Storage Temp	-4 to +176 °F (-20 to +80 °C)	-4 to +176 °F (-20 to +80 °C)	-4 to +140 °F (-20 to +60 °C)
Operating Humidity	20% to 80% non-condensing	20% to 80% non-condensing	9% to 90% non-condensing
Processor			
CPU	Intel® Xeon® W-2223 3.6 GHz	Intel® Xeon® W-2223 3.6 GHz	Dual AMD® EPYC-7262 3.2 GHz
Memory	32 GB DDR4 2666 MHz	32 GB DDR4 2666 MHz	128 GB DDR4 3200 MHz
Hard Disk	240 GB SSD; RAID option	240 GB SSD; RAID option	1 TB NVMe SSD; RAID option
Control			
Network	2x Ethernet TCP/IP 10/100/1000 Base-T	2x Ethernet TCP/IP 10/100/1000 Base-T	2x Ethernet TCP/IP 10/100/1000 Base-T
Input/Output			
Output Number	16 max	16 max	16 max
Inputs	DVI: up to 1920x1200 @ 60 Hz, 2560x1600 @ 30 Hz HDMI & DisplayPort: up to 4096x2160 @ 60 Hz, up to 10-bit per component SDI: up to 12G / 4096x2160 @ 60 Hz S-Video: NTSC/PAL/SECAM Composite: NTSC/PAL/SECAM IP: up to 3840x2160 @ 60 Hz H.264		
Outputs	DVI: up to 2048x1152 @ 60 Hz, 2560x1600 @ 30 Hz HDMI & DisplayPort: up to 4096x2160 @ 60 Hz IP: up to 3840x2160 @ 60 Hz		
<i>Number of input and output channels depends on chassis size and customer configuration.</i>			<i>Specifications subject to change.</i>

Model W4028 / W4028-RP



Model W4040-A



SPECIFICATIONS

	W4040-B	W4056-A	W4080
Physical			
Size (H x W x D)	17.1 x 6.9 x 26 in (4RU) 434 x 175 x 660 mm	7.0 x 17.2 x 32.1 in (5RU) 178 x 437 x 815 mm	7.0 x 17.2 x 32.1 in (5RU) 178 x 437 x 815 mm
Weight	77 lbs / 35 kg	65 lbs / 29.7 kg	65 lbs / 29.7 kg
Power			
Power Supply	115-230 VAC; 50/60 Hz 2000 W 1+1 redundant	110-220 VAC; 60 Hz 2000 W 2+2 redundant, hot swappable	110-220 VAC; 60 Hz 2000 W 2+2 redundant, hot swappable
<i>Actual power consumption depends on specific configuration.</i>			
Environmental			
Operating Temp	+32 to +95 °F (0 to +35 °C)	+50 to +95 °F (+10 to +35 °C)	+50 to +95 °F (+10 to +35 °C)
Storage Temp	-4 to +140 °F (-20 to +60 °C)	-4 to +140 °F (-20 to +60 °C)	-4 to +140 °F (-20 to +60 °C)
Operating Humidity	< 95% non-condensing	8% to 90% non-condensing	8% to 90% non-condensing
Processor			
CPU	Dual Intel® Xeon® 5317 3 GHz	3rd Gen Intel® Silver Xeon® 4208 dual processors	3rd Gen Intel® Silver Xeon® 4208 dual processors
Memory	16 x 8 GB DDR4 3200 MHz	96 GB DDR4 2933 MHz	96 GB DDR4 2933 MHz
Hard Disk	2 x 480 GB SATA3; RAID option	1TB NVMe SSD; RAID option	1 TB NVMe SSD; RAID option
Control			
Network	2x Ethernet TCP/IP 10G Base-T	2x Ethernet TCP/IP 10/100/1000 Base-T	2x Ethernet TCP/IP 10/100/1000 Base-T
Input/Output			
Output Number	16 max	16 max	16 max
Inputs	DVI: up to 1920x1200 @ 60 Hz, 2560x1600 @ 30 Hz HDMI & DisplayPort: up to 4096x2160 @ 60 Hz, up to 10-bit per component SDI: up to 12G / 4096x2160 @ 60 Hz S-Video: NTSC/PAL/SECAM Composite: NTSC/PAL/SECAM IP: up to 3840x2160 @ 60 Hz H.264		
Outputs	DVI: up to 2048x1152 @ 60 Hz, 2560x1600 @ 30 Hz HDMI & DisplayPort: up to 4096x2160 @ 60 Hz IP: up to 3840x2160 @ 60 Hz		
<i>Number of input and output channels depends on chassis size and customer configuration.</i>		<i>Specifications subject to change.</i>	

Model W4056/W4080

