



## 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
<b>Physical</b>			
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
<b>Power</b>			
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>			
<b>Environmental</b>			
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
<b>Processor</b>			
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
<b>Control</b>			
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
<b>Input/Output</b>			
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
<b>Physical</b>			
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
<b>Power</b>			
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>			
<b>Environmental</b>			
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
<b>Processor</b>			
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
<b>Control</b>			
Network	2x Ethernet TCP/IP 10/100/1000 Base-T	2x Ethernet TCP/IP 10/100/1000 Base-T	2x Ethernet TCP/IP 1000/10000 Base-T
<b>Input/Output</b>			
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		

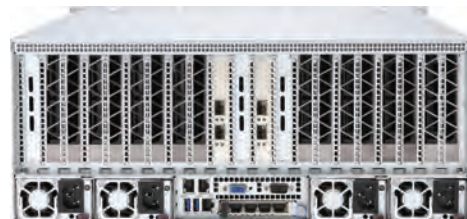
*Number of input and output channels depends on chassis size and customer configuration.*

*Specifications subject to change.*

Model W4028 / W4028-RP



Model W4040-A



# SPECIFICATIONS

	W4040-B	W4056-A	W4080
<b>Physical</b>			
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 (4RU) 178 x 437 x 815 mm	7.0 x 17.2 x 32.1 in (4RU) 178 x 437 x 815 mm
Weight	77 lbs / 35 kg	65 lbs / 29.7 kg	65 lbs / 29.7 kg
<b>Power</b>			
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>			
<b>Environmental</b>			
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
<b>Processor</b>			
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
<b>Control</b>			
Network	2x Ethernet TCP/IP 1000/10000 Base-T	2x Ethernet TCP/IP 1000/10000 Base-T	2x Ethernet TCP/IP 1000/10000 Base-T
<b>Input/Output</b>			
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		

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

*Specifications subject to change.*

Model W4056/W4080

