BLACK BOX®

Visualize Mission-Critical Information with Radian

Radian Video Wall Controllers

Radian is meticulously designed to provide a highly flexible, premium performing solution to meet the demands of command and control in mission critical applications. Operators in Defense, Public Safety, Transportation and other demanding environments must access, control, and visualize data in real time to react quickly and achieve successful outcomes. Radian controllers utilize ultra high performance components including processor chassis', capture cards, graphics cards and software, and can be custom configured to meet the exact needs of these environments.

Purpose-Built Video Wall Solutions

Customized video capture, processing, management, and display for outcome-driven content visualization

Robust Processor Chassis

Up to 11 card capacity with multiple processor options and sizable onboard memory/storage

Built-in Scalability

11-card capacity not enough? Increase capacity by adding 11-Slot expansion chassis

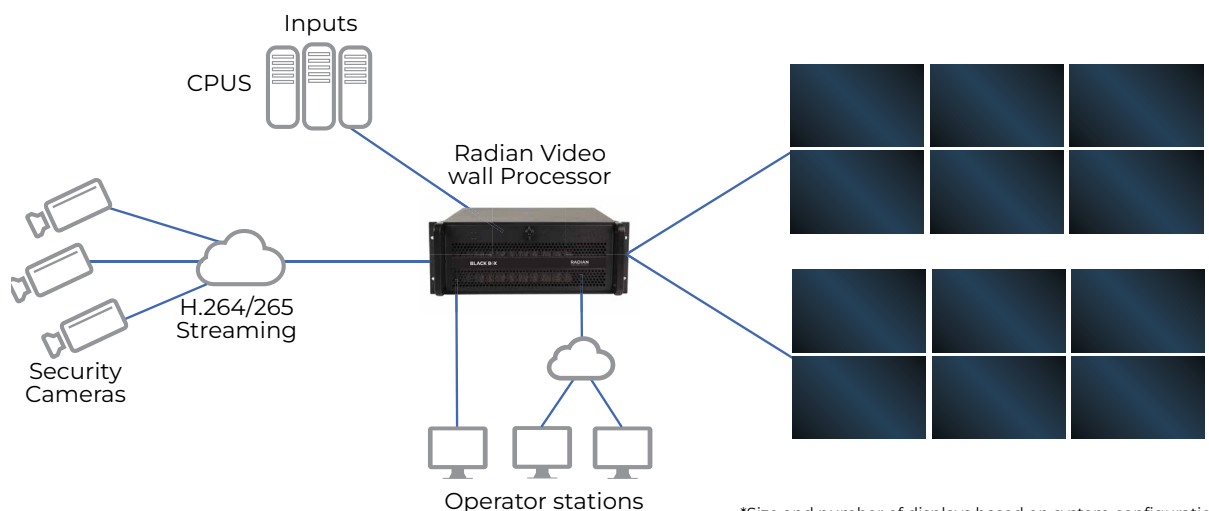### Advanced Video Capture & Streaming

Up to 6GB/s capture capactity, DVI/DisplayPort/HDMI up to 4K60, H.264/265 Streaming

Premium Graphics Output

HDMI output up to UHD 4K60 4:4:4 with pixel-perfect, tear-free video quality

Video Wall Management Software

Full control of streams, captures, and local content displayed on one or more walls via intuitive GUI

Inputs
CPUS
Radian Video wall Processor
Security Cameras
H.264/265 Streaming
Operator stations

*Size and number of displays based on system configuration

Select a Radian Chassis	
Part Number	**Chassis Name**
VWP-0405A	Radian Video Wall Controller Chassis - Intel® Core i5 Processor, 800W Redundant PSU, 32GB RAM, (x2) 240GB SSD Storage, 4U Rackmount, 4-Slot
VWP-1060	Radian Video Wall Controller Chassis - Intel® Core i5 Processor, 500W ATX PSU, 16GB RAM, 240GB SSD Storage, Standalone, 6-Slot
VWP-0605R-S	Radian Video Wall Controller Chassis - Intel® Core i5 Processor, 500W Redundant PSU, 16GB RAM, 240GB SSD Storage, Standalone, 6-Slot
VWP-1107R	Radian Video Wall Controller Chassis - Intel® Core i7 Processor, 800W Redundant PSU, 32GB RAM, (x2) 240GB SSD Storage, 4U Rackmount, 11-Slot
VWP-1109R	Radian Video Wall Controller Chassis - Intel® Core i9 Processor, 800W Redundant PSU, 32GB RAM, (x2) 240GB SSD Storage, 4U Rackmount, 11-Slot
VWP-111XR	Radian Video Wall Controller Chassis - Intel® E3 Xeon Processor, 800W Redundant PSU, 32GB RAM, (x2) 240GB SSD Storage, 4U Rackmount, 11-Slot
Optionally, Add the Expansion Chassis	
Part Number	**Chassis Name**
VWX-1100R	Radian Video Wall Controller Extension Chassis - 800W Redundant PSU, 11-Slot
Select Cards to Populate the Chassis	
Capture Cards	
Part Number	**Card Name**
VCC-HDMI2-2	Radian Video Wall Controller Capture Card - HDMI 2.0 4K60 4:4:4, HDCP 2.2, 2-Channel
VCC-DP-2	Radian Video Wall Controller Capture Card - DisplayPort 1.2 4K60, 2-Channel
VCC-HD-4-H	Radian Video Wall Controller Capture Card - HDMI 1.4, 4K60/1080p, 4-Channel
VCC-HD-4-D	Radian Video Wall Controller Capture Card - HDMI 1.4 with DVI Adapters, 4-Channel
VCC-SD-HD-3	Radian Video Wall Processor Capture Card - 2-Channel HD DVI, 1-Channel SD Composite
Graphics Cards	
Part Number	**Card Name**
VGC-HDMI2-4	Radian Video Wall Controller Graphics Card - HDMI 2.0 4K60 4:4:4, HDCP 2.2, 4-Channel
VGC-HDMI-2K-4	Radian Video Wall Controller Graphics Card - HDMI 4K/2K/HD, HDCP 2.2, 4-Channel
Streaming Cards	
Part Number	**Card Name**
VCC-STREAM	Radian Video Wall Processor Streaming Card - H.264 IP Stream Decoder, Dual Ethernet Ports, Up to (6) at 1080p 60 FPS or (12) at 1080p 30 FPS
VCC-STREAM2	Radian Video Wall Processor Streaming Card - H.264/H.265 IP Stream Encoder/Decoder, Dual Ethernet Ports, Up to (12) at 1080p 30 FPS Decodes or (8) 1080p 30 FPS Encodes
Add the Software	
Part Number	**Software Name**
VWS-VWM10-STD	Radian Video Wall Manager Software - Standard Version
VWS-VWM10-PRO	Radian Video Wall Manager Software - Pro Version

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