



RIMOTION / RICAPTURE / VENUE GATEWAY

LIVE VIDEO PRODUCTION

SIMPLY LIVE ▶
INSIDE



**SEE IT.
LOVE IT.
REPLAY IT.**





RiMOTION R6 / R8 / R10 / R12 / R84

REPLAY FOR EVERYBODY

**SUPER-SLOMO
CAPABLE**

Riedel RiMotion live replay solutions are the most intuitive and scalable options in the market, breaking with traditional concepts and bringing a modernized user experience to live replay.

Defined by a compact form factor and significant cost advantages, RiMotion represents the high quality and professional approach all our products are known for.

RiMotion solutions are available in five different bundles, so you'll find just the right one for your production. With RiMotion R6, R8, R10 and R12 you get to choose from 6 to 12 configurable channels for 4 to 10 camera inputs, while the R84 offers HDR and UHD support with options for 4 UHD channels and up to 8 1080p HDR channels.

Riedel RiMotion offers a pioneering solution combining extensive slow-motion capabilities, including super slow-motion (SSM) camera support, with Simplylive's acclaimed touchscreen UI approach.

The intuitive user interface that has become a landmark of the ViBox product range, has been further optimized for RiMotion. All features are concentrated in a clear and simple to use touchscreen interface, that even new users can learn to operate in minutes. Additionally, the system comes with a dedicated RCU slow motion remote controller (RCU), integrated with the touch UI. This allows the best operator experience with the combination of the dedicated remote and touchscreen interface.

RiMotion is designed for the way operators want to work. Some may prefer the familiar Replay Remote Controller with an intuitive button layout and ultra-responsive jog wheel. Others love working with our touch-screen UI, with easy-to-access controls and great feeling scroll pad. And some operators want to work with both at the same time, which is why we offer both... so people can work exactly the way they want.

The RiMotion architecture also brings flexibility for remote, at-home productions. The system allows the backend hardware to be located on-site, while the UI can be extended via Internet to the production facility. This allows for a smaller footprint, less people needed on location and an unparalleled level of workflow flexibility.



Processing Units

FEATURES

R6

- Compact 1RU Unit
- Single Operator
- Redundant PSU
- 6 channel 1080p 8bit
- Dedicated RCU
- SSM optional license
- Networking of servers

R8

- Compact 1RU Unit
- Single Operator
- Redundant PSU
- 8 channel 1080p 8bit
- Dedicated RCU
- SSM optional license
- Networking of servers

R10

- Compact 1RU Unit
- Single Operator
- Redundant PSU
- 10 channel 1080p 8bit
- Dedicated RCU
- SSM optional license
- Networking of servers

R12

- Compact 2RU Unit
- Single or Dual Operator
- Redundant PSU & RAID Storage
- Large Recording Capacity
- 12 channel 1080p 8bit
- 2x dedicated RCUs
- SSM optional license
- Networking of servers

R84

- Compact 2RU Unit
- Single or Dual Operator
- Redundant PSU & RAID Storage
- Large Recording Capacity
- 8 channel 1080p 10bit or 4 channel UHD 10bit
- Dedicated RCU
- SSM optional licence
- Networking of servers

POWERFUL AND COMPACT SLOW MOTION SOLUTIONS

RiMotion R6, R8 and R10 are the perfect starting point for live replay, while the R12 takes your replay solution to another level with its dual operator support and the ability to network multiple servers to easily upscale your production. And with the new UHD bundle RiMotion R84, UHD productions can now profit from RiMotion's extensive feature set and ease of use, as the RiMotion R84 provides higher resolutions with 4 UHD channels and up to 8 1080p HDR channels.

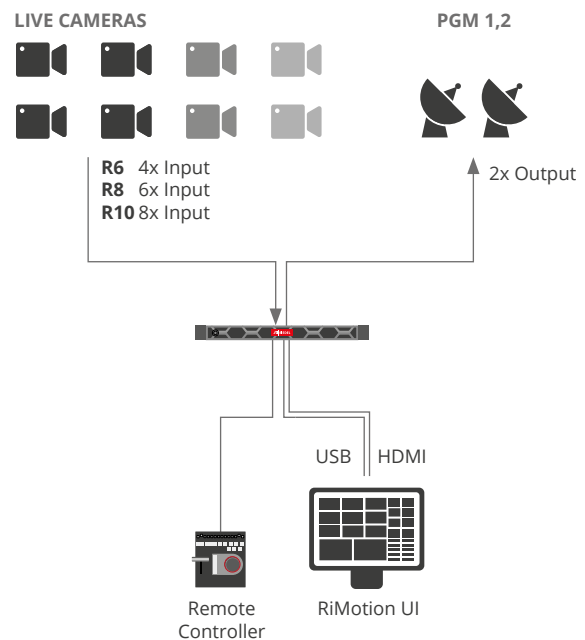
R6/R8/R10 offer 6/8/10 configurable channels for up to 4/6/8 camera inputs with a minimum hardware footprint in a 1 RU portable chassis and include:

- Replays & Highlights
- Import / Export of media
- Slow Motion Controller

R12 boasts 12 configurable channels for up to 10 camera inputs in a 2 RU portable chassis, while R84 introduces higher resolutions with 4 UHD channels. Both include:

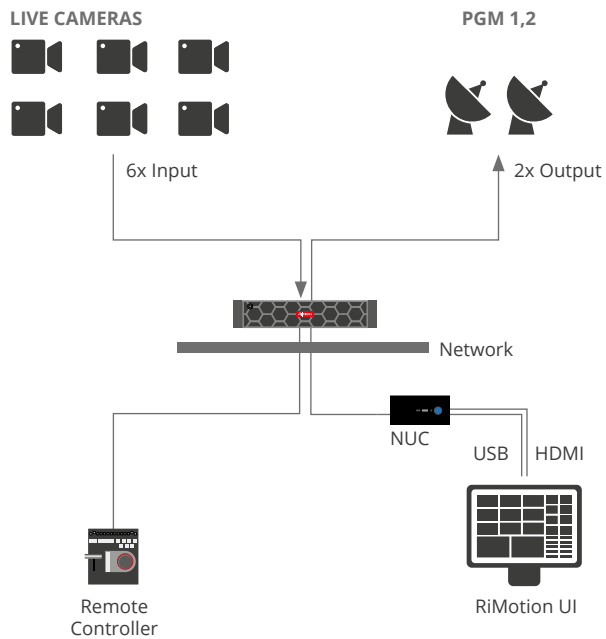
- Replays & Highlights
- Import / Export of media
- Slow Motion Controller
- 4 Outputs for Dual Operators
- Networking of servers

R6 / R8 / R10 Single Operator Workflow



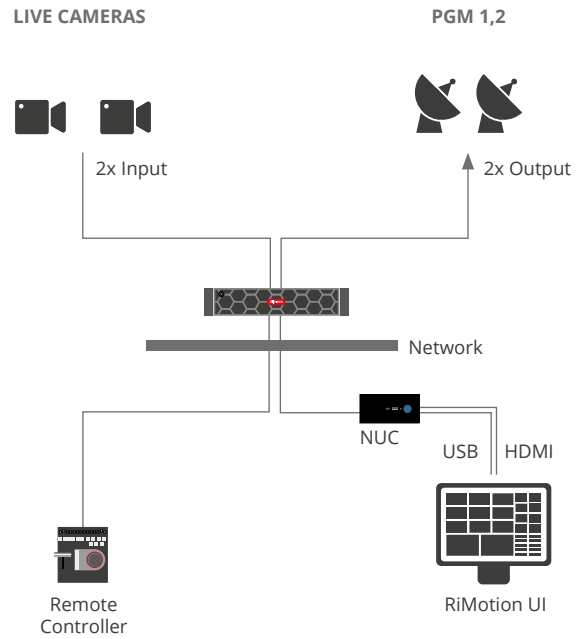
R84

HD Configuration



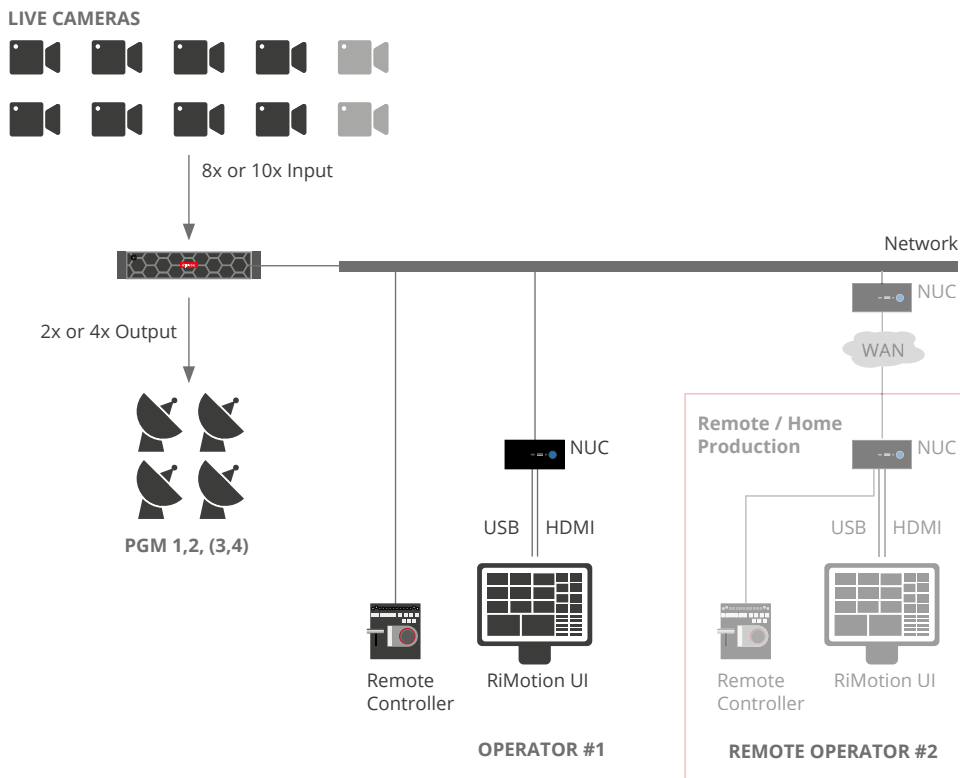
R84

UHD Configuration



R12

Dual Operator / Remote Workflow



TECHNICAL SPECIFICATIONS

R6	R8	R10
VIDEO		
6 x 3G SDI	8 x 3G SDI	10 x 3G SDI
I/O Options: SDI, NDI, TS UDP, TS RTP, RTMP (Input) or SRT	I/O Options: SDI, NDI, TS UDP, TS RTP, RTMP (Input) or SRT	I/O Options: SDI, NDI, TS UDP, TS RTP, RTMP (Input) or SRT
DNxHD 120/145/290Mbps 8-bit	DNxHD 120/145/290Mbps 8-bit	DNxHD 120/145/290Mbps 8-bit
4in/2out Single User	6in/2out Single User	8in/2out Single User
VIDEO STANDARD		
HD 720p, 1080i and 1080p, 8-bit	HD 720p, 1080i and 1080p, 8-bit	HD 720p, 1080i and 1080p, 8-bit
AUDIO		
Embedded audio: 16 tracks per video channel (input or output) + Dante or AES67	Embedded audio: 16 tracks per video channel (input or output) + Dante or AES67	Embedded audio: 16 tracks per video channel (input or output) + Dante or AES67
STORAGE		
2, 4 or 8TB SSD storage (up to 24/48/96h)	4, 8TB, or 4x4TB SSD (up to 48/96/144h)	8TB, or 4x4TB SSD (up to 96/144h)
USB3 connectors for import from / export to external storage	USB3 connectors for import from / export to external storage	USB3 connectors for import from / export to external storage
UI MINI PC		
-	-	-
NETWORK		
1x 1/10 Gigabit RJ 45 Ethernet port + 1x 10 Gigabit RJ45 Ethernet port	2x 10 Gigabit RJ45 Ethernet port	2x 10 Gigabit RJ45 Ethernet port
CONTROLLER		
1x RCU included in the bundle	1x RCU included in the bundle	1x RCU included in the bundle
GP/IO		
GPI	GPI	GPI
TSL5	TSL5	TSL5
OPERATING SYSTEM		
Windows 10 Pro 64 bit	Windows 10 Pro 64 bit	Windows 10 Pro 64 bit
PHYSICAL		
1RU Chassis: HxWxD: 43.6 mm (1.72") x 438.4 mm (17.25") x 649.9 mm (25.58")	1RU Chassis: HxWxD: 43.6 mm (1.72") x 438.4 mm (17.25") x 649.9 mm (25.58")	1RU Chassis: HxWxD: 43.6 mm (1.72") x 438.4 mm (17.25") x 649.9 mm (25.58")
Weight: 12.8 kg (28.2 lb)	Weight: 12.8 kg (28.2 lb)	Weight: 12.8 kg (28.2 lb)
POWER		
Redundant Dual 110/230 V, 500W PSUs	Redundant Dual 110/230 V, 500W PSUs	Redundant Dual 110/230 V, 500W PSUs

R12	R84	
	HD	UHD
12 x 3G SDI	4 x 3G SDI + 4x 3G/12G SDI	4 x 12G SDI
I/O Options: SDI, NDI, TS UDP, TS RTP, RTMP (Input) or SRT	I/O Options: SDI, NDI, TS UDP, TS RTP, RTMP (Input) or SRT	I/O Options: SDI, NDI, TS UDP, TS RTP, RTMP (Input) or SRT
DNxHD 120/145/290Mbps 8-bit	DNxHD 120/145/290Mbps 8-bit and 220/440Mbps 10-bit	DNxHR 1100Mbps 8-bit and 1665Mbps 10-bit
10in/2out Single User or 8in/4out Dual User	Up to 6in/Up to 4out Single/Dual User (option)	2in/2out Single User
HD 720p, 1080i and 1080p, 8-bit	720p, 1080i and 1080p, 10-bit	2160p
Embedded audio: 16 tracks per video channel (input or output) + Dante or AES67	Embedded audio: 16 tracks per video channel (input or output) + Dante or AES67	
5x2TB, 5x4TB or 5x8TB SSD USB3 connectors for import from / export to external storage	5x2TB, 5x4TB or 5x8TB SSD USB3 connectors for import from / export to external storage	
2x UI Mini PCs included in the bundle	1x UI Mini PC included in the bundle (2nd UI Mini PC optional)	
2x 10 Gigabit RJ45 Ethernet port	2x 10 Gigabit RJ45 Ethernet port	
2x RCU included in the bundle	1x RCU included in the bundle	
GPI TSL5	GPI TSL5	
Windows 10 Pro 64 bit	Windows 10 Pro 64 bit	
2RU Chassis: HxWxD: 86.0mm (3.5") x 437.0mm (17.2") x 648.0mm (25.5") Weight: 18.5 kg (40.8 lb)	2RU Chassis: HxWxD: 86.0mm (3.5") x 437.0mm (17.2") x 648.0mm (25.5") Weight: 18.5 kg (40.8 lb)	
Redundant Dual 110/230 V, 920W PSUs	Redundant Dual 110/230 V, 920W PSUs	



i4 Touch UI & Hardware Unit

RiCAPTURE i4 i4 ADVANCED

The New Networked UHD Ingest Recording Solution. i4 Compact, Powerful, High-quality Master Recorder.

The RiCapture i4 system offers a powerful UHD ingest recording solution built into a small form-factor with significant cost advantages.

Controlled with an easy-to-use interface for quick setup and deployment, i4 lets users record 1x UHD 12G-SDI input or 4x 3G-SDI inputs with 16 channels of embedded audio per video channel. Additional audio sources are available with 128 channels of Dante or 64 Channels of AES67. The i4 high quality recording offers DNxHD or DNxHR along with H264 4:2:0 and 4:2:2 encoding up to 40 Mbps. Its local i4 recording storage offers continuous loop recording for the captured content, with options to clip and export files as needed from the available local storage.

The application can connect up to 10 targets for streaming destinations. Users can easily select within each of these destinations whether to send only the high resolution DNxHD/R, the H264 – or both. i4 offers maximum versatility to capture the recorded media locally, on removable storage, on network attached storage or to live streaming destinations.

RiCapture i4 and i4 Advanced are the ideal solution for all your master recording needs – whether in an OB or live studio environment.

FEATURES

- Portable and Compact
- Powerful, Professional Solution
- Recording of up to 4x 3G-SDI inputs HD and 1x 12G-SDI input UHD
- Up to 10 targets
- Can record DNx & H.264 at the same time



i4

i4 Advanced

VIDEO

4x HD SDI Inputs

1x UHD SDI Inputs

Codec HD: DNxHD 8bits 120/145Mbps

Codec UHD: DNxHR 8bits 960/1160Mbps

4x HD SDI Inputs

1x UHD SDI Inputs

Codec HD: DNxHD 8bits 120/145Mbps

Codec UHD: DNxHR 8bits 960/1160Mbps

VIDEO STANDARD

HD 720p, 1080i and 1080p, 8-bit

4K UHD, 8-bit

HD 720p, 1080i and 1080p, 8-bit

4K UHD, 8-bit

AUDIO

Embedded audio: 16 tracks per video channel

128Ch Dante or 64Ch AES67

Embedded audio: 16 tracks per video channel

128Ch Dante or 64Ch AES67

RECORD PROFILE

Can record DNx and H.264 at the same time

H.264 4:2:2 encoding up to 40 Mbps

Up to 10 targets

Can record DNx and H.264 at the same time

H.264 4:2:2 encoding up to 40 Mbps

Up to 10 targets

STORAGE

2TB SSD storage (up to 24h)

5 x 2TB SSD RAID storage (up to 100h)

NETWORK

2 x 1 Gigabit RJ45 Ethernet ports

2 x 1 Gigabit + 2 x 10 Gigabit RJ45 Ethernet ports

OPERATING SYSTEM

Microsoft Windows 10

Microsoft Windows 10

PHYSICAL

1RU Chassis: HxWxD: 43.6 mm (1.72") x 438.4 mm (17.25") x 649.9 mm (25.58")

Weight: 12.8 kg (28.2 lb)

Rack-mount option

110/230 V, 1100W PSU

1RU Chassis: HxWxD: 43.6 mm (1.72") x 438.4 mm (17.25") x 649.9 mm (25.58")

Weight: 18.5 kg (40.8 lb)

Rack-mount option

Redundant Dual 110/230 V, 1100W PSUs

VENUE

GATEWAY

STANDARD

ADVANCED

Low Latency Remote Contribution Gateway

The Riedel Venue Gateway is a low-latency, bi-directional, multi-channel and multi-format contribution appliance bridging broadcast production infrastructures with distant venues. It aggregates and transports video signals, audio signals, and tally.

Supporting SRT and SDI connectivity, the Venue Gateway offers great agility for contribution feed delivery. The web management interface has been designed to centralize and simplify the configuration. Featuring codec formats like H.264 and H.265, the gateway solution provides software defined low-latency encoding and decoding on 8 bi-directional channels with the highest broadcast quality.

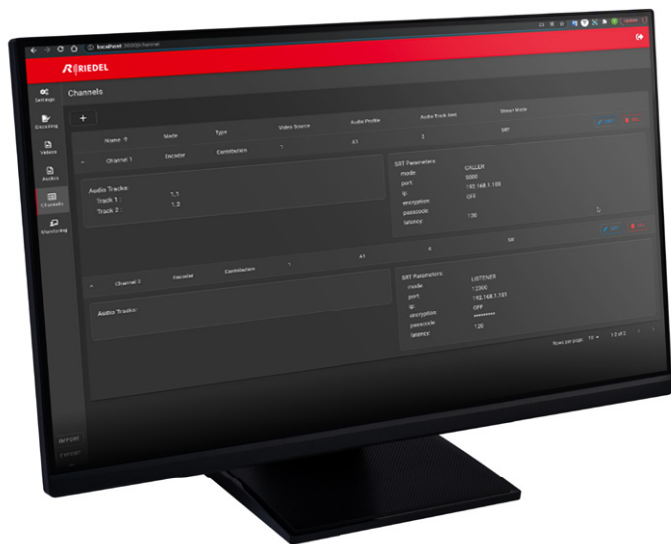
The Venue Gateway offers seamless integration with direct SRT sources being sent to the ViBox platform. Its built-in low latency multiviewer lets remote or on-site engineers view all sources in real time and test the network infrastructure with pre-loaded content.

The Venue Gateway is available as a standard or an advanced version, with the Venue Gateway Advanced adding two 10 Gigabit RJ45 Ethernet connectors for higher backbone bandwidths and two redundant PSUs in a compact 1 RU or 2RU frame.

Designed to provide flexibility and reliability to the users, the Venue Gateway is a complete solution that addresses all requirements of modern-day remote production.

FEATURES

- 8 Channel bi-directional encoder/decoder for remote contribution
- Built-in low latency multiviewer offering remote or on-site monitoring
- Internal audio routing from encode to decode sources with embedded audio
- Receives tally from remote production mixer for camera operators via TSL-5 or GPIO



Venue Gateway Web Interface



Processing Unit

Venue Gateway	Venue Gateway Advanced
INTERFACE	
8 x Bi-Directional 3G-SDI	8 x Bi-Directional 3G-SDI
2 x 1 Gigabit RJ45 Ethernet	2 x 10 Gigabit, 2 x 1 Gigabit RJ45 Ethernet
1 x Genlock input	1 x Genlock input
1 x LTC XLR	1 x LTC XLR
VIDEO CODEC	
H.264 4:2:0 8 bits	H.264 4:2:0 8 bits
H.264 4:2:2 10 bits	H.264 4:2:2 10 bits
H.265 4:2:0 8 bits	H.265 4:2:0 8 bits
<i>Number of encoding/decoding channels depends on video standard, bit depth, codec type and parameters</i>	
AUDIO CODEC	
AAC	AAC
MPEG-1 Layer II	MPEG-1 Layer II
TRANSPORT FORMAT	
SRT	SRT
Dante Bridge (coming soon)	Dante Bridge (coming soon)
NDI® (coming soon)	NDI® (coming soon)
TS UDP (coming soon)	TS UDP (coming soon)
TS RTP (coming soon)	TS RTP (coming soon)
TALLY	
GPI/O	GPI/O
TSL5 over IP for Tally and UMD	TSL5 over IP for Tally and UMD
COMMUNICATION - TALKBACK	
Dante®, AES67 (coming soon)	Dante®, AES67 (coming soon)
LOCAL STORAGE	
-	2TB SSD
OPERATING SYSTEM	
Windows 10 Pro 64 bit	Windows 10 Pro 64 bit
PHYSICAL	
1RU Chassis: HxWxD: 43.6 mm (1.72") x 438.4 mm (17.25") x 649.9 mm (25.58")	1RU Chassis: HxWxD: 43.6 mm (1.72") x 438.4 mm (17.25") x 649.9 mm (25.58")
Weight: 12.8 kg (28.2 lb)	27.3 kg (60.19lb)
Redundant Dual 110/230 V, 500W PSUs	Redundant Dual 110/230 V, 920W PSUs
MONITORING	
Integrated Multiviewer with video, audio, timecode and tally	Integrated Multiviewer with video, audio, timecode and tally
Unrecovered packets, CC errors, RTP sequence errors, ETR290 (through 3rd party)	Unrecovered packets, CC errors, RTP sequence errors, ETR290 (through 3rd party)



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