

# NRG

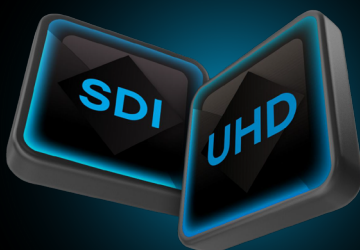
Powerful,  
cost effective,  
flexible  
SDI routing



## Compact Power. Pristine Performance.

NRG is a compact utility router designed for workflows that need reliable 12G SDI video switching without the complexity or price tag of larger systems.

Available in multiple sizes (16x16, 32x34), NRG supports everything from SD to 12G and ASI-DVB passthrough. With optional software integrated multiviewer support, redundant power, and Dashboard control, it's a simple but powerful choice for SDI routing and signal distribution in space and budget conscious environments.



### Compact and Scalable

NRG delivers dense SDI routing in a space-efficient design—ideal for mobile units, small studios, or anywhere rack space is at a premium. Choose from 1RU or 2RU.

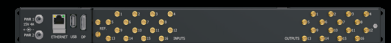
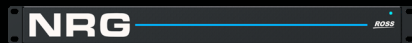
### 12G Performance, Lower Cost

Handle high-bandwidth video with 12G SDI support across all inputs and outputs. Reclocking ensures signal integrity, while the price point keeps NRG accessible for budget-sensitive applications.

### Integrated Multiviewer

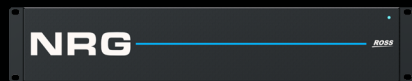
Monitor your SDI sources with an optional licensable quad-split multiviewer head. DisplayPort or SDI outputs with fixed UMDs, metering, and real-time clock—ideal for confident control room monitoring.

## 1RU



Features	Ross NRG	AJA KUMO 3G	AJA KUMO 12G	BMD	BMD
Size	16x16	16x16	16x16	10x10	20x20
Local Panel	Yes, optional	No	No	Yes, with monitor	Yes, with monitor
Data rates	270mb/s-12G, ASI	270mb/s-3Gb/s, ASI	270mb/s-12Gb/s, ASI	270mb/s-3Gb/s, ASI	270mb/s-3Gb/s, A
Control Protocols	GVG Native, SW-P-08	KUMO control, basic GVG Native	KUMO control, basic GVG Native	Videohub	Videohub
Multiviewer	Yes, optional SW license	No	No	No	No
Physical size HxWxD	4.4cm 48cm 8.6cm (1.75"x18.9"x3.4")	4.4cm 44cm 3.9cm (1.75"x17.4"x1.54")	4.4cm 44cm 3.9cm (1.75"x17.4"x1.54")	4cm 44cm 23.6cm (1.74"x17x4"x9.3")	4.4cm 44cm 23.6cm (1.74"x17x4"x9.3")
Weight	1.81kg (4lbs)	0.7kg (1.4lb)	0.7kg (1.4lbs)	3kg (6.64lbs)	3.5kg (7.87lbs)

## 2RU



Features	Ross NRG	AJA KUMO 3G	AJA KUMO 12G	BMD	COBALT
Size	32x34	32x32	32x32	40x40	32x32
Local Panel	Yes, optional	No	No	Yes, with monitor	No
Data rates	270mb/s-12G, ASI	270mb/s-3Gb/s, ASI	270mb/s-12Gb/s, ASI	270mb/s-12Gb/s, ASI	270mb/s-3Gb/s, ASI, MADI
Control Protocols	GVG Native, SW-P-08	KUMO control, basic GVG Native	KUMO control, basic GVG Native	Videohub	SW-P-08, PESA PNET
Multiviewer	Yes, optional SW license	No	No	No	No
Physical size HxWxD	8.6cm 48cm 9.3cm (3.4"x18.9"x3.7")	8.9cm 44cm 3.9cm (3.5"x17.4"x1.54")	8.9cm 44cm 3.9cm (3.5"x17.4"x1.54")	8.7cm 44.1cm 23.7cm (3.46"x17x4"x9.37")	(4RU) 17.7cm 44cm 8.8cm (7"x17x4"x3.5")
Weight	3.62kg (8lbs)	2.1kg (4.6lbs)	2.1kg (4.6lbs)	5.6kg (12.3lbs)	<4.5kg (10lbs)