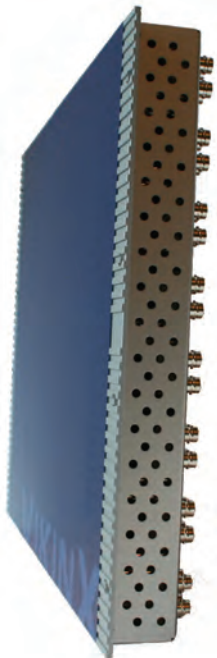


Sublime utility router

8RU 3G-SDI router range with embedded system controller upgradable to 128x128

The Sublime SL-3GHD128128 and its versions are 3G/HD/SD/ASI video routers intended for post production and small studio services. With its thin depth, low power and built in system controller it easily connects to other routers and panels, including third-party equipment. The Sublime SL-3GHD128128 can be installed into existing routing systems or control systems due to its extensive third-party support. Its ultra-low power consumption also makes it a reliable and low operational cost router and underlines Nevision's commitment to ensure customers environmental initiatives.



Key features

- Embedded Multicon System Controller
- Web interface
- Multi rate support; 3G/HD/SD-SDI
- Supports DVB-ASI
- Reclocking on standard 3G/HD/SD-SDI signals. Reclockers may be turned off, for support of E4/STM-1e
- Ethernet and RS232 control interfaces
- Ultra slim frame depth
- 8 RU
- Low power consumption (<150W); high reliability design
- Supported bitrates: 143Mbps – 3Gbps



Ordering options

18602 SL-3GHD128128	128x128 3G-SDI router with embedded system controller
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Also available in non-square variants. Contact Nevision for ordering information.

Power supply

SL-PWR-300	300 W power supply unit
See specs for power supplies in the Sublime accessories section.	

Control

Serial port	RS232 for protocol conversion, to VikinX compact control protocol, or to third-party protocols
Connector(s)	DB9, female
Ethernet port	10/100 Base-T Ethernet bus for external router control
Connector	RJ45
Reclocker option	Bypass of reclocking (from Configurator)
Input equalizer option	Bypass of input equalization (from Configurator)
Other features	
SNMP agent, included with Multicon	

Supported protocols

Northbound (host)	MRP (IP), NCB Compact (serial), NCB Sublime (serial), SNMP v1/3 (IP), GVG/Thomson Native (IP and serial), Leitch PassThru (IP and serial), Pro-bel SW-P-02 (serial), Triton (serial)
Southbound (client)	MRP (IP), NCB Compact (serial), NCB Sublime (serial), GVG/Thomson Native (IP and serial), Leitch PassThru (IP and Serial), Pro-bel SW-P-02 (serial), Triton (serial)

Supported formats

Signal type	143Mbps – 2.97Gbps 2K, 2048x 1556/23.98 and 24 AES3-id
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Supported standards

SD-SDI, 270Mbps SMPTE-259M
HD-SDI, 1.485Gbps SMPTE-292-2008
3G-SDI, 2.97Gbps SMPTE-424M
DVB-ASI EN50083-9

Electrical signal inputs

Data rate	143Mbps – 2.97Gbps
Connector	BNC, 75 Ohm
Cable equalization	Automatic up to 100m (@ 1.5Gbps) / 75m (@ 3Gbps), using Belden 1694A)

Electrical signal outputs

Connector	BNC, 75 Ohm
Signal level	800mVp-p \pm 10%
Signal polarity	Non-inverting

Reference inputs

Number of inputs	1
Connector	75 Ohm BNC female, loop-thru
Signal format	NTSC or PAL Black & Burst or HD-SDI Tri-Level according to SMPTE-274M, SMPTE 276M
Signal level	Nominal 1.0Vp-p

