VikinX Sublime offers the broadcast industry the most extensive range of matrix sizes available and covers signal formats from analogue video/audio to HDTV. The SMTP-292 HD products provide support for 3Gbps dual link standard.

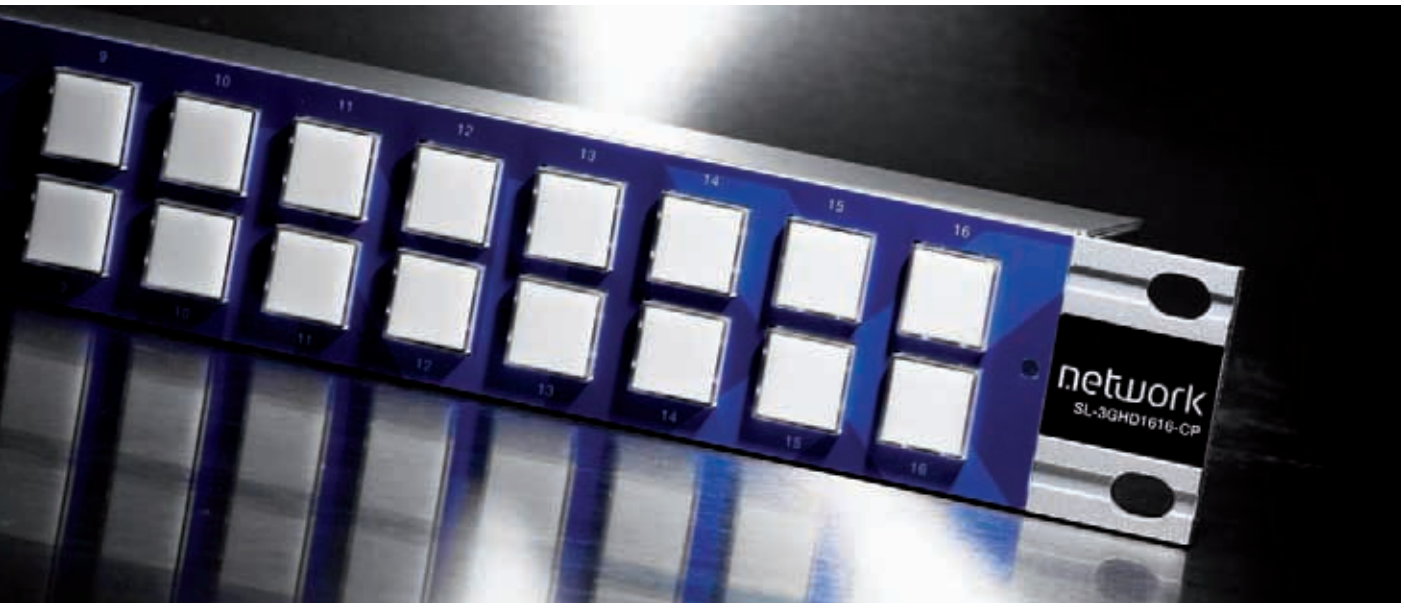
network

VikinX Sublime

New era in small and medium sized routing

network-electronics.com

VikinX Sublime Routers – a new era



The VikinX Sublime range of routers marks a new era in small and medium sized routing, raising the standard for reliability, affordability and comfort in this sector.

The VikinX Sublime offers flexible routing solutions for general purpose facility and on-air routing as well as mobile outside broadcast applications and sophisticated A/V applications with the next generation technologies including Ethernet control, 3 Gbps Single Link support for 1080p HD TV, and ultra low power consumption.

THE MOST EXTENSIVE RANGE

VikinX Sublime offers the broadcast industry the most extensive range of matrix sizes available and covers signal formats from analogue video/audio to HDTV. The SMTP-292 HD products provide support for 3Gbps dual link standard.

POWERFUL CONTROL FEATURES

Flexible control solutions accommodate local and remote panels equipped with professional Broadcast type buttons alongside software control. VikinX Sublime provides many of the powerful control features that made the VikinX Modular range a success story. Control options such as serial control RS-232, Ethernet and Network Control Bus make the VikinX Sublime range fit into any application from small production facilities to large networks with centralized management through ETH-CON. Third party interface options allow the integration of VikinX Sublime into numerous existing routing installations.

SIMPLICITY RULES

Network Electronics' slogan applies also to the company's software tools developed to eliminate the obstacles installers and operators face when setting-up and configuring complex routing solutions. One of the latest examples for easy-to-use software is the VikinX system Configurator that accommodates wizards and convenient drag & drop menus comfortably guiding the operator through the installation process.

ISO 9001 Certified
Nemko Certification
NORWEGIAN ACCREDITATION QUAL 001
Certificate no. 900752

Key Features

- Multiformat HD-SDI with support for 3 Gbps Dual Link HD
- Analogue video/audio, AES, Telecom and RS-422
- DVB-ASI, E4 and STM-1 compatibility
- Ethernet, RS-232/NCB control
- Choose between re-clocking or non re-clocking SDI and HD-SDI
- Local or remote control panels
- Non square matrix sizes
- Space saving 5 cm frame depth allowing front and rear rack mount.
- Flexible matrix partitioning
- Professional broadcast type buttons and programmable button configurations on panels
- External IP control panels providing multipurpose GPI/GPO
- Redundant, rugged design and heat dispersing power supplies with front indicators
- Ultra low power, high reliability design
- Dual DC power inlet
- Seamless interoperability with VikinX Modular range of routers
- Sync with loop-through, tri-level on HD routers
- Front or rear mounting trays for brick power supplies.
- All Sublime products have an internal by-pass switch to prevent a break in the NCB loop if one unit fails/powers off.

Analogue Video

Analogue Audio

SD Digital Video

HD Digital Video

Digital Audio

Telecom

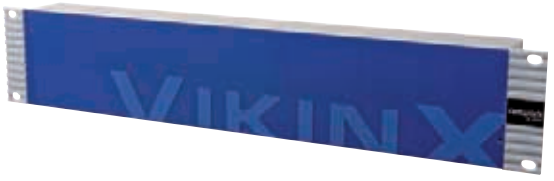
RS-422 Data

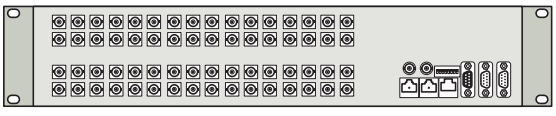
All VikinX Sublime routers and panels are delivered with a single SL-PWR-40 (power supply)

Analogue Video

SL-V3232

32x32





- Analogue Video Router
- Partitioning
- Control via IP/Ethernet, RS-232, NCB
- 5cm (2in) frame depth allowing front and rear rack mount
- Ultra-low power high-reliability design
- Redundant power supplies (brick or frame) with front indicators
- Interoperability with VikinX Modular range of routers

SPECIFICATIONS

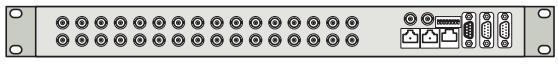
Frequency response	0–125MHz –3dB
Differential gain	0.1% (3.58/4.43MHz)
Differential phase	0.1° (3.58/4.43MHz)
Crosstalk	< -60dB (3.58/4.43MHz)
Video S/N Ratio	typ. 70dB, unweighted
Bar tilt	< 0.1%
Lum. non-linearity	< 0.1%
Number of inputs	32 termination with jumpers
Number of outputs	32
Impedance	75 ohm
Return loss	typ. 40dB @ 10MHz
Max signal	2Vp-p
Coupling	DC
DC offset	< 15mV
Connector	BNC
AC power	External power supply 100–260 VAC
DC power	±15V, connector DB9 male
Dimensions	483x44x50 mm (19”, 1RU)

Also available with X-Y Control Panel integrated in the front (SL-V3232-CP)

SL-V1616 / SL-V0808 / SL-V1602

16x16 / 8x8 / 16x2

SL-V1616

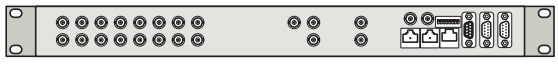


- Programmable as
  – 4x4 RGBS
  – 5x5 RGB/YUV
  – 8x8 YC

SL-V0808

- Programmable as
  – 2x2 RGBS
  – 4x4 YC

SL-V1602



- Expandable up to 64x2

SL-V1616 / SL-V0808 / SL-V1602:

- Ethernet/RS-232/NCB control
- Configuration with IP based system configurator

SPECIFICATIONS

Frequency response	0–125MHz –3dB
Differential gain	0.1% (3.58/4.43MHz)
Differential phase	0.1° (3.58/4.43MHz)
Crosstalk	< -60dB (3.58/4.43MHz)
Video S/N Ratio	typ. 70dB, unweighted
Bar tilt	< 0.1%
Lum. non-linearity	< 0.1%
Impedance	75 ohm
Return loss	typ. 40dB @ 10MHz
Max signal	2Vp-p
Coupling	DC
DC offset	< 15mV
Connector	BNC
AC power	External power supply 100–260 VAC
DC power	±15V, connector DB9 male
Dimensions	483x44x50 mm (19”, 1RU)

All sizes are available with X-Y Control Panel integrated in the front.

SL-V1616-CP

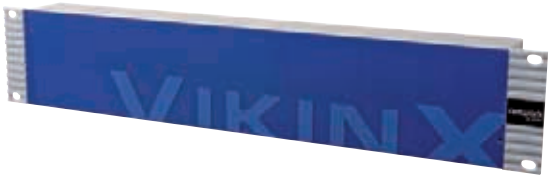
SL-V0808-CP

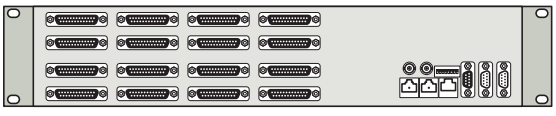
SL-V1602-CP

Analogue Audio

SL-A3232

32x32





- Balanced stereo Analogue Audio Router
- Can be used for TimeCode routing
- Partitioning
- Control via IP/Ethernet, RS-232, NCB
- 5cm (2in) frame depth allowing front and rear rack mount
- Ultra-low power high-reliability design
- Redundant power supplies (brick or frame) with front indicators
- Interoperability with VikinX Modular range of routers

SPECIFICATIONS

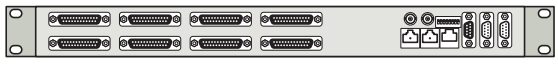
Frequency response	20Hz–20kHz ± 0.1dB
Crosstalk	< –100dB
THD+N	< 0.01% @ +6dBu < 0.01% @ +22dBu
Number of inputs	32 (Stereo) electronically balanced
Input impedance	> 10 kohm
CMRR	> 60dB
Number of outputs	32 (Stereo) electronically balanced
Output impedance	< 66ohm
Audio connector	DB25 female
AC power	External power supply 100–260 VAC
DC power	±15V, connector DB9 male
Dimensions	483x44x50 mm (19”, 1RU)

Also available with X-Y Control Panel integrated in the front (SL-A3232-CP)

SL-A1616 / SL-A0808 / SL-A1602

16x16 / 8x8 / 16x2

SL-A1616



- Balanced stereo audio router
- Can be used for Time-Code

SL-A0808

- Balanced stereo audio router
- Can be used for Time-Code

SL-A1602

- Balanced stereo audio router
- Expandable up to 128x2

SL-A1616 / SL-A0808 / SL-A1602:

- Ethernet/RS-232/NCB control
- Configuration with IP based system configurator

SPECIFICATIONS

Frequency response	20Hz–20kHz ± 0.1dB
Crosstalk	< –100dB
THD+N	< 0.01% @ +6dBu < 0.01% @ +22dBu
Input impedance	> 10 kohm
CMRR	> 60dB
Output impedance	< 66ohm
Audio connector	DB25 female
AC power	External power supply 100–260 VAC
DC power	±15V, connector DB9 male
Dimensions	483x44x50 mm (19”, 1RU)

All sizes are available with X-Y Control Panel integrated in the front.

SL-A1616-CP

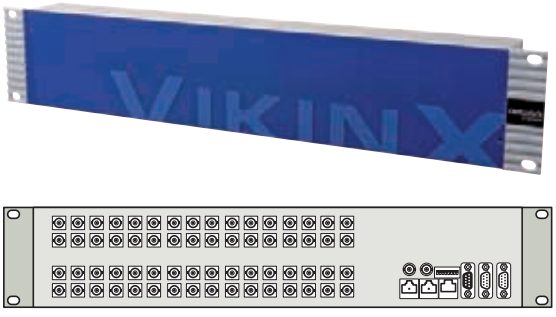
SL-A0808-CP

SL-A1602-CP

SD Digital Video

SL-SD3232-R

32x32



- Serieal Digital Video Router
- Available versions with or without reclocking
- Partitioning
- Control via IP/Ethernet, RS-232, NCB
- 5cm (2in) frame depth allowing front and rear rack mount
- Ultra-low power high-reliability design
- Redundant power supplies (brick or frame) with front indicators
- Interoperability with VikinX Modular range of routers

SPECIFICATIONS

Data rate NRZ	143Mbps–540Mbps
Reference input	Comp. Video 1Vpp, 300mV sync, 75 ohm
Number of inputs	32 terminated
Equalisation	Automatic up to 300m (Belden 8281)
Number of outputs	32
Re-clocking	On R-versions only
Impedance	75 ohm
Return-loss in/out	> 15dB (5MHz–540MHz)
Signal level	nom. 800mVp–p ±10%
Rise/fall time	typ. 700ps
Connector	BNC
AC power	External power supply 100–260 VAC
DC power	±15V, connector DB9 male
Dimensions	483x44x50 mm (19”, 1RU)

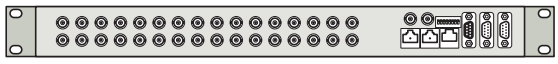
Also available as SL-SD3232-N without re-clocking

Also available with X-Y Control Panel integrated in the front (SL-SD3232-N-CP and SL-SD3232-R-CP (with re-clocking))

SL-SD1616-R / SL-SD0808-R / SL-SD1602-R

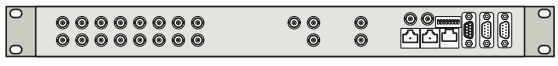
16x16 / 8x8 / 16x2

SL-SD1616-R



SL-SD0808-R

SL-SD1602-R



- Expandable up to 64x2

SL-SD1616-R / SL-SD0808-R / SL-SD1602-R:

- Serial digital video router
- Ethernet/RS-232/NCB control
- Configuration with IP based system configurator

SPECIFICATIONS

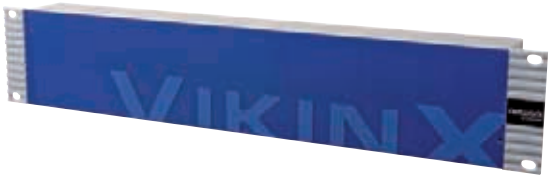
Data rate NRZ	143Mbps–540Mbps
Reference input	Comp. Video 1Vpp, 300mV sync, 75 ohm
Equalisation	Automatic up to 300m (Belden 8281)
Re-clocking	On R-versions only
Impedance	75 ohm
Return-loss in/out	> 15dB (5MHz–540MHz)
Signal level	nom. 800mVp–p ±10%
Rise/fall time	typ. 700ps
Connector	BNC
AC power	External power supply 100–260 VAC
DC power	±15V, connector DB9 male
Dimensions	483x44x50 mm (19”, 1RU)

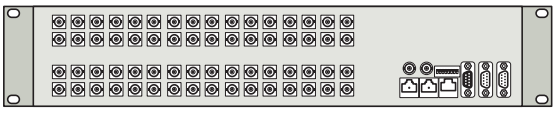
	Without control panel		Integrated control panel	
Size	Re-clocking	Non re-clocking	Re-clocking	Non re-clocking
32x32	SL-SD3232-R	SL-SD3232-N	SL-SD3232-R-CP	SL-SD3232-N-CP
16x16	SL-SD1616-R	SL-SD1616-N	SL-SD1616-R-CP	SL-SD1616-N-CP
08x08	SL-SD0808-R	SL-SD0808-N	SL-SD0808-R-CP	SL-SD0808-N-CP
16x02	SL-SD1602-R	N/A	SL-SD1602-R-CP	N/A

HD Digital Video

SL-HD3232-R

32x32





- High Definition Video Router
- Multiformat SD-SDI and HD-SDI
- Re-clocking on all standard video rates
- Partitioning
- Dual Link 3Gps, 1080P
- Control via IP/Ethernet, RS-232, NCB
- 5cm (2in) frame depth allowing front and rear rack mount
- Ultra-low power high-reliability design
- Redundant power supplies (brick or frame) with front indicators
- Interoperability with VikinX Modular range of routers

SPECIFICATIONS

Data rate NRZ	143Mbps–1.485Gbps
Reference input	NTSC or PAL Black Burst or HD Tri-Level according to SMPTE 274M, SMPTE 276M
Number of inputs	32 terminated
Equalisation	Automatic up to 100m (Belden 8281)
Number of outputs	32
Re-clocking	On R-versions only
Impedance	75 ohm
Return-loss in/out	> 15dB (5MHz-1.485GHz)
Signal level	nom. 800mVp-p ±10%
Rise/fall time	< 270ps
Connector	BNC
AC power	External power supply 100–260 VAC
DC power	±15V, connector DB9 male
Dimensions	483x44x50 mm (19”, 1RU)

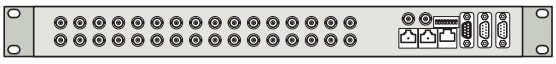
Also available as SL-HD3232-N without re-clocking

Also available with X-Y Control Panel integrated in the front (SL-HD3232-N-CP and SL-HD3232-R-CP (with re-clocking))

SL-HD1616-R / SL-HD0808-R / SL-HD1602-R

16x16 / 8x8 / 16x2

SL-HD1616-R



SL-HD0808-R

SL-HD1602-R

SL-HD1616-R / SL-HD0808-R / SL-HD1602-R:

- Dual link 3G, 1080P
- High definition video router
- Ethernet/RS-232/NCB control
- Configuration with IP based system configurator

SPECIFICATIONS

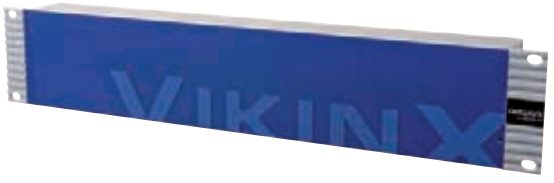
Data rate NRZ	143Mbps–1.485Gbps
Reference input	NTSC or PAL Black Burst or HD Tri-Level according to SMPTE 274M, SMPTE 276M
Equalisation	Automatic up to 100m (Belden 8281)
Re-clocking	On R-versions only
Impedance	75 ohm
Return-loss in/out	> 15dB (5MHz-1.485GHz)
Signal level	nom. 800mVp-p ±10%
Rise/fall time	< 270ps
Connector	BNC
AC power	External power supply 100–260 VAC
DC power	±15V, connector DB9 male
Dimensions	483x44x50 mm (19”, 1RU)

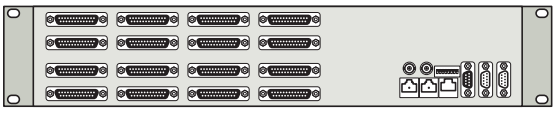
	Without control panel		Integrated control panel	
Size	Re-clocking	Non re-clocking	Re-clocking	Non re-clocking
32x32	SL-HD3232-R	SL-HD3232-N	SL-HD3232-R-CP	SL-HD3232-N-CP
16x16	SL-HD1616-R	SL-HD1616-N	SL-HD1616-R-CP	SL-HD1616-N-CP
08x08	SL-HD0808-R	SL-HD0808-N	SL-HD0808-R-CP	SL-HD0808-N-CP
16x02	SL-HD1602-R	N/A	SL-HD1602-R-CP	N/A

Digital Audio

SL-AD3232-110

32x32





- Digital Audio Router – 110 Ohm
- Available in ubalanced 75 Ohm version
- Set-up over IP based System Configurator
- Partitioning
- Control via IP/Ethernet, RS-232, NCB
- 5cm (2in) frame depth allowing front and rear rack mount
- Ultra-low power high-reliability design
- Redundant power supplies (brick or frame) with front indicators
- Interoperability with VikinX Modular range of routers

SPECIFICATIONS

Signal type	AES/EBU digital audio (Stereo)
Number of inputs	32 transformer balanced
Input impedance	110 ohm
Number of outputs	32 transformer balanced
Output impedance	110 ohm
Jitter	< 0.025UI
Signal level	0.2 – 7Vp-p
Sampling rates	32 – 96kHz
Switching mode	Asynchronous
Audio connector	DB25 female
AC power	External power supply 100–260VAC
DC power	+15V, connector DB9 male
Dimensions	483x44x50 mm (19”, 1RU)

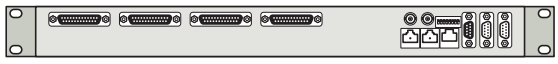
Also available as unbalanced 75 ohm
(SL-AD3232-75)

Also available with X-Y Control Panel integrated in the front
(SL-AD3232-110-CP and SL-AD3232-75-CP)

SL-AD1616-110 / SL-AD0808-110 / SL-AD1602-110

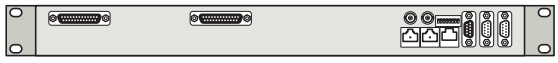
16x16 / 8x8 / 16x2

SL-AD1616-110



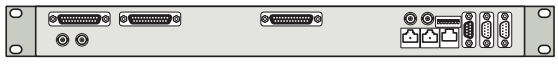
- Programmable as
  – 4 ch AES/EBU 4x4
  – 3 ch AES/EBU 5x5
  – 2 ch AES/EBU 8x8

SL-AD0808-110



- Programmable as
  – 4 ch AES/EBU 2x2
  – 2 ch AES/EBU 4x4

SL-AD1602-110



- Expandable up to 64x2

SL-AD1616 / SL-AD0808 / SL-AD1602:

- Digital audio router
- Ethernet/RS-232/NCB control
- Configuration with IP based system configurator

SPECIFICATIONS

Signal type	AES/EBU digital audio (Stereo)
Input impedance	110 ohm / 75 ohm
Output impedance	110 ohm / 75 ohm
Jitter	< 0.025UI
Signal level	0.2 – 7Vp-p
Sampling rates	32 – 96kHz
Switching mode	Asynchronous
Audio connector	DB25 female
AC power	External power supply 100–260VAC
DC power	+15V, connector DB9 male
Dimensions	483x44x50 mm (19”, 1RU)

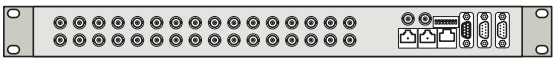
	Without control panel		Integrated control panel	
Size	110 ohm	75 ohm	110 ohm	75 ohm
32x32	SL-AD3232-110	SL-AD3232-75	SL-AD3232-110-CP	SL-AD3232-75-CP
16x16	SL-AD1616-110	SL-AD1616-75	SL-AD1616-110-CP	SL-AD161675-CP
08x08	SL-AD0808-110	SL-AD0808-75	SL-AD0808-110-CP	SL-AD0808-75-CP
16x02	SL-AD1602-110	SL-AD1602-75	SL-AD1602-110-CP	SL-AD1602-75-CP

Telecom and RS-422 Data

SL-T1616 / SL-T0808

16x16 / 8x8

SL-T1616



SL-T0808

SL-T1616 / SL-T0808:

- 34Mbps or 45Mbps Data rate
- Output-Reclocking
- Meets ITU-T G.703 for HDB3 signals

SPECIFICATIONS

Data rate	140Mbps/155Mbps G.703 CMI
Equalisation	Automatic up to 250m (Belden 8281)
Impedance	75 ohm
Return-loss	> 15dB (7–240MHz)
Signal level	1000mV fixed on 75 ohm load
Connector	BNC
AC power	External power supply 100–260 VAC
DC power	±15V, connector DB9 male
Dimensions	483x44x50mm (19”, 1RU)

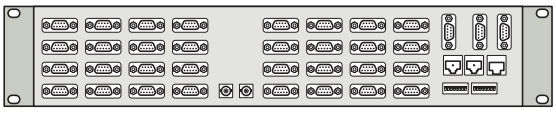
All sizes are available with X-Y Control Panel integrated in the front.

(SL-T1616CP)

SL-T0808-CP

SL-D32P

32 ports



- Ported RS-422 data router
- For flexible VTR/Device control
- Ethernet/RS-232/NCB control
- Configuration with IP based system configurator
- Can be partitioned
- Signal formats supported is within hte SMPTE 207M, RS422

SPECIFICATIONS

Data rate	115.2 kbs
Connector	DB9 female
AC Power	External power supply 100–260VAC
DC Power	+5V, connector DB9 male
Dimensions	483x88x50 mm (19”, 2RU)

Ported Data Routers
In conjunction with VikinX Sublime, Network introduces the SL-D32P, a 32 port configurable data router providing a flexible solution for machine control routing in Broadcast facilities. SL-D32P ports can be configured as controller or tributary either via software or a GPI that is available on each port.

- 32-port RS-422 data router according to SMPTE 207M
- Configurable data port direction, software and GPI controlled
- Control via IP/Ethernet, RS-232/422, NCB
- Real estate saving 5cm (2in) frame depth allowing front and rear rack mount

3Gbps 1080p Single Link HD Video

Network Electronics' Sublime SL-3GHD range of products is the world's first routing switcher for 3Gbps Single Link HD.

- 3Gbps Single Link HD Digital Video router from 8x8 to 16x16
- Multiformat SD-SDI and HD-SDI
- Optional re-clocking on all video rates

The next generation of cameras, servers and other signal sources will, in addition to today's HDTV standards, support 1080P qualities and beyond. These qualities require more bandwidth than the 1.5 Gbps (SMPTE292M) as we know today.

Dual Link

The 1080p bit rates can be solved in a non-technical way by combining 2 channels of HD 1.5 Gbps.

This solution occupies two channels of HD and requires double cable connectors and interfaces to the equipment. I.e. it's an expensive solution and not very flexible.

DUAL LINK FOR 1080p

- Maintain Uncompressed Signals
- Requires 2 x cable/connector
- Requires 2 x equipment interfaces
- Expensive solution

Single Link

The new "hype" in the broadcast industry is the 3 Gbps Single Link standard (SMPTE 424M). Still in its early days, the 3 Gbps interface is required in the market.

Single Link …

- allows for uncompressed transport of 1080p formats on single cable
- allows for use of existing cable, connectors, patch panels and other passive elements in the signal path or infrastructure
- Low latency

The 3 Gbps interface has limited cable length as the major obstacle. The availability for source and destination products are currently very limited. The industry support for the interface is therefore not proved.

Both SMPTE and the ITU have completed standardization of a
3 Gbps SDI interface

- SMPTE 424M (Physical interface)
- SMPTE 425M (format mapping)
- ITU-R BT 1120-3 part 4 2005

APPLICATIONS

- 1080p 50/60 transport over Single Link Cable
- Replacement for dual link HD-SDI
- 3D HDTV
- Digital Cinema
- Slow motion capture

Control Panels

Sublime panels can be programmed with salvos, groups and alphanumeric. The IP panels can operate with categories, and communicate with Sublime routers through ETH-CON.

SUBLIME CONTROL PANELS

All VikinX Sublime Control Panels:
- Ethernet/RS-232/NCB control
- Programmable
- Size: 19inch 1RU, depth 5cm

SL-16XY-CP /SL-8XY-CP

Multibus X-Y Control Panel

For router sizes: 16x16 and 8x8

SL-16D-CP

Dualbus Control Panel

For router size: 16x2

SL-16S-CP /SL-8S-CP

Singlebus Control Panel

For router sizes: 16x16 and 8x8

MODULAR CONTROL PANELS

All VikinX Modular Control Panels:
- Tri-colour button illumination
- Ethernet panel bus
- Expandable Panel Concept (EPC) RS-232 port
- 16 GPI ports / 16 GPO ports

CP-44-MEC

44 Software Configurable Buttons

- 34Mbps or 45Mbps Data rate
- Output-Reclocking
- Meets ITU-T G.703 for HDB3 signals

CP-16LCD

16 Software Configurable LCD-Buttons

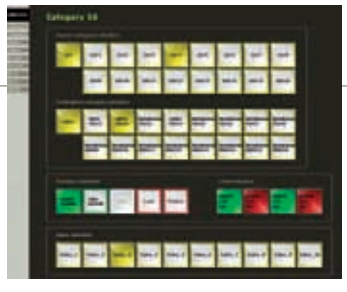
- 16 software configurable LCD buttons with 36x24 pixels

CP-MDP-CL / CP-MDP-BW

Master Display Panel

- 64 software configurable buttons
- Easy exchangeable labelling
- 320x240 QVGA colour or BW display
- Customised Surface Design (CSD) option
- Video preview (optional)

WEB PANELS



- Platform independent, router control from PC, MAC or Linux
- Easily changed labels
- No software installation required on client computer
- Advanced router control features
- Remote access

System application and control possiblities

ETH-CON

ETH-CON

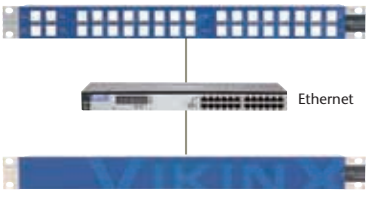
- Ethernet connectivity for VikinX Compact and Sublime routers.
- Control, configure or monitor your infrastructure from anywhere

Features that the ETH-CON provides:

Remote Location
- Panels can control the router system from a remote location
- The routers can be distributed over a large geographic area

Advanced Sublime Router Control with IP Panels
- Multi-level switching, Break-away
- Categories
- Virtual Routing
- Level Mapping (above 16 level on dip) for larger systems
- Multi & 3rd party control systems

Up to 32 units on one System Controller over IP
- For 32+, add another System Controller



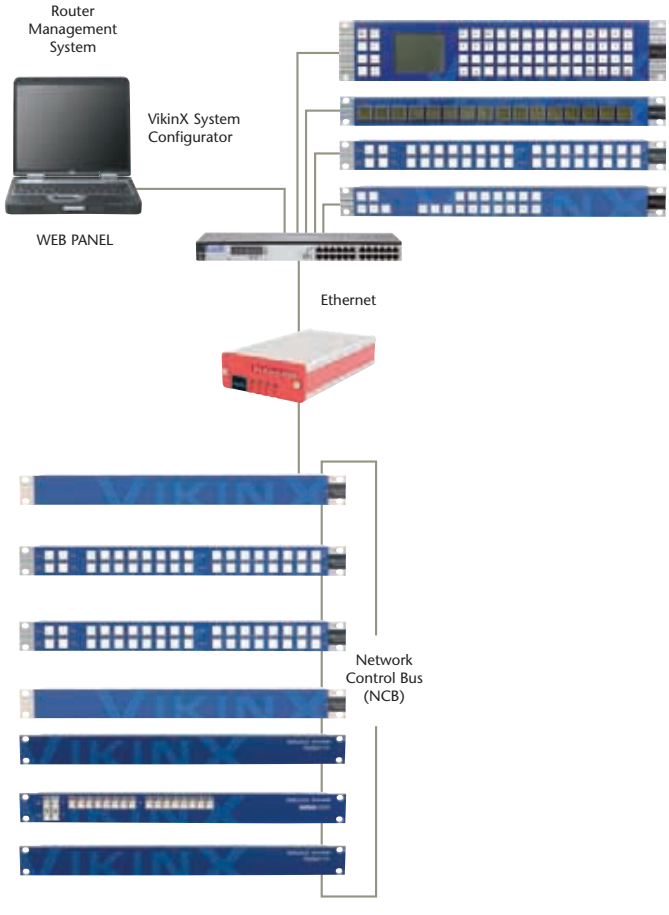
Stand-alone VikinX Sublime
One Sublime unit (Control Panel or Router) can communicate with one Sublime router on Ethernet. THOR can replace one Sublime unit to make a direct connection to one Sublime router on Ethernet.

Since the products are not shipped preconfigured, an Ethernet switch (see graphic) is recommended for easy System Configuration. The switch can be removed after System Configuration and replaced with an Ethernet crossed cable.

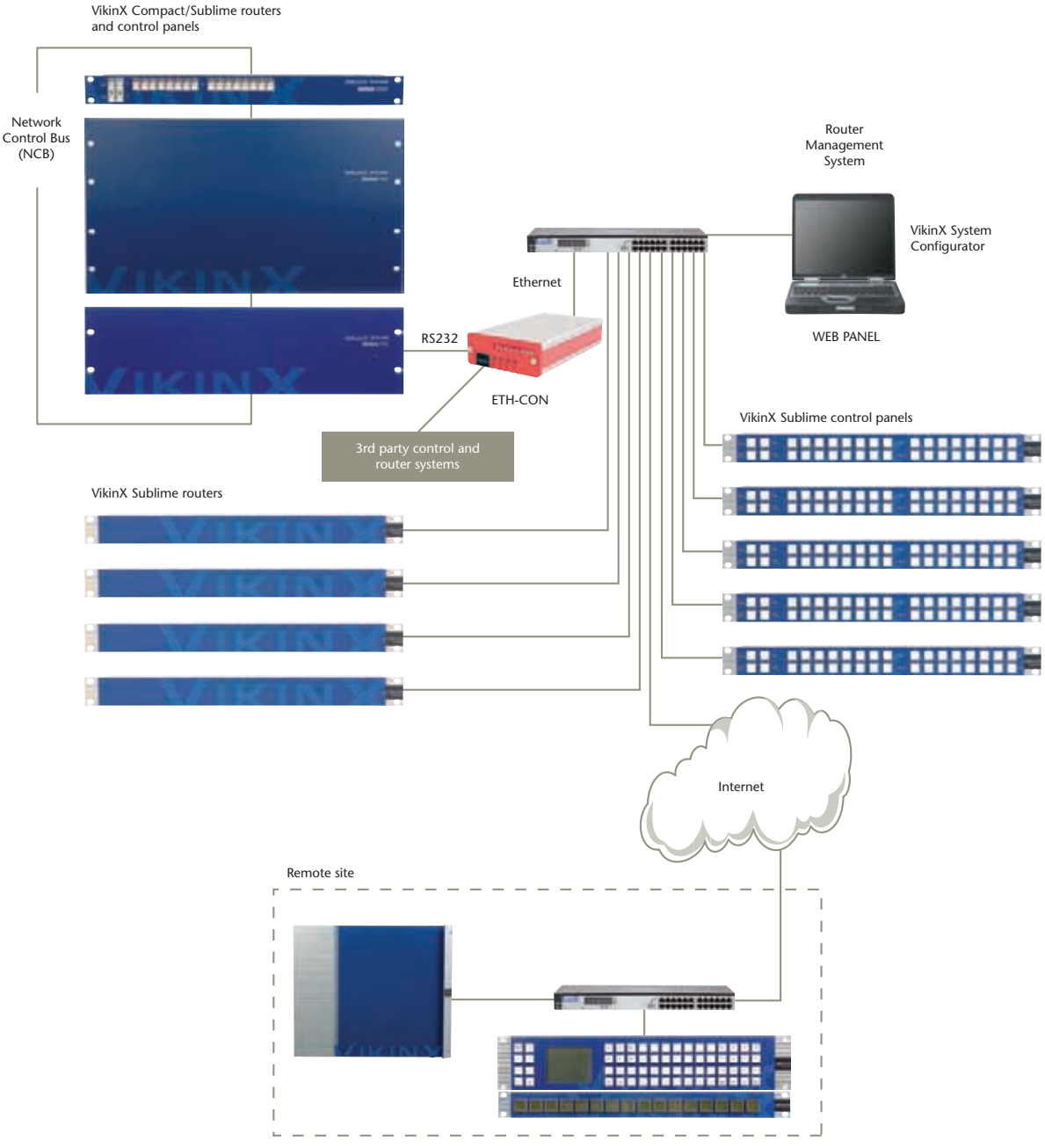
Sublime/Modular/Combinations
In NCB system applications Sublime and Compact are fully compatible.

When including IP Control Panels, an ETH-CON is required.

The Control Panels outside the NCB loop in this application example could be Sublime. If so, no more than two routers with a maximum router size of 16x16 (8x8, 16x2 or 16x16) can be controlled by the Sublime Control Panel.



System application and control possiblities

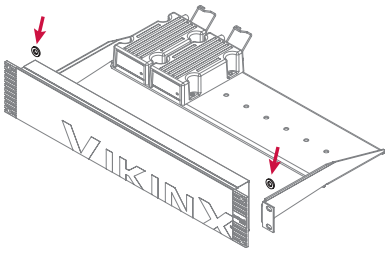


Sublime Accessories

SL-PWR-40
40W Power Supply for VikinX Sublime router series

SL-MT-2PSU
1 RU tray for 2x SL-PWR-40, to be placed behind the VikinX Sublime router

Can also be used with other sizes:



SL-MT-BP
Blindplate for 2 positions of SL-MT-6PSU

SL-MT-6PSU
1 RU mounting tray for 6x SL-PWR-40

DB25PIN ADAPTOR
Small print-card with DB25 to screw-terminal

3MXXLRF-25PIN
Audio Breakout Cable
DB25pin XLRF, 3 meter cable

3MXXLRM-25PIN
Audio Breakout Cable
DB25pin XLRM, 3 meter cable

RECENT AWARDS

Network Electronics' high performance and compact 40-channel DWDM (Dense Wavelength Division Multiplexing) was given the nod by Broadcast Engineering with a Pick Hit at NAB 2007. The manufacturer of the VikinX router and Flashlink optical video transport ranges received the award amidst a complement of new products aimed at increasing flexibility and optimizing investments.

Network Electronics' 3 Gbps optical converter and router solutions were recognized for their superiority at NAB by the editorial staff of TV Technology magazine with a 2007 STAR (Superior Technology Award Recipient) Award.

Network Electronics garnered a first place Engineering Excellence Award from the readers of Broadcast Engineering in the *New studio technology – non-broadcast:* category for supplying Louisiana State University's 150 000 sq-ft Football Operations Centre with a robust routing system specifically designed to bridge the gap between component and composite gear and an SDI format.

The Company's inventive spirit was acknowledged with a STAR award from TV Technology for the revolutionary VikinX Sublime SL-3GHD – the world's first routing switcher for 3 Gbps Single Link HD. Part of the new VikinX Sublime range, the router addresses the need for 3Gbps 1080p single link HD video.

Network Electronics' SDI-IP-GTW SDI to IP Gateway which provides an IPTV gateway, solution for the transmission of uncompressed SDI over IP networks, was given the Broadcast Engineering PICK HIT award. The SDI-IP-GTW allows the real-time contribution and distribution of SDI over Wide Area Networks (WAN) where access to dark fibre or wavelengths is limited.

Graphic design: Charlotte.no

Simplicity rules

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