



WHEN SIZE MATTERS

INDUSTRY,
ASSET,
& NETWORK
AGNOSTIC

A compact multi-channel
media powerhouse



**Ultra-Low
Bandwidth Video**
Bit rates up to 5 Mbps
and as low as 8 Kbps

**Sleek and Compact
1U Form Factor**

**Stream 12 Channels
Simultaneously**

Simultaneously stream content with a variety of bit rates, frame rates and resolutions.

Powered by Nodestream™ proprietary technology, each NSX™ device operates as either an encoder or a decoder and provides excellent usability, multi-channel video signal compatibility and complete customisation to easily enable remote operations through centralised management, all in a compact 1U form factor.

Key Features

- Multi-bitrate streaming of 4, 8, or 12x 1080p60 HD simultaneous streams
- Enterprise grade solution
- Supports IP, HDMI, & HD-SDI
- Serial Data input/output
- Operate as encoder or decoder
- Integrated NCM™ 2-way audio
- Redundant auto switching power supplies



Ultra-low Bandwidth
Bit rates up to 5 Mbps
and as low as 8 Kbps.



Secure
Military grade security with
384-bit encryption and rolling keys.



High Quality
Delivers decision making quality
video even at extremely low bit rates.



Low Latency
Respond in real-time to
mission critical operations.



On-the-fly control
Real-time user
settings configuration



Frame Synchronous Data*
Maximise data integrity and performance.
Synchronize and transmit flawlessly.



Scalable
Multiple channels giving you as
much coverage as you need.



Forward Error Correction
Ensures error-free communication in
even the most challenging environments.



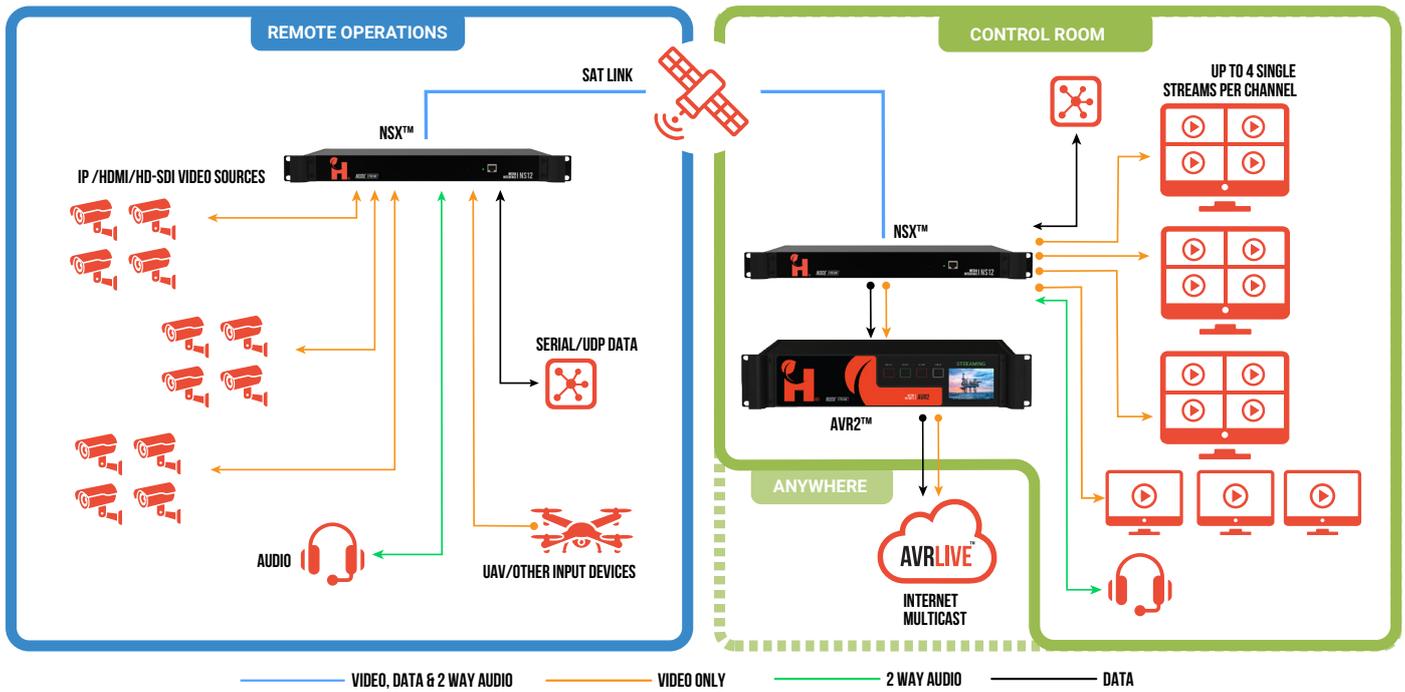
Use Agnostic
Compatible across all
industries, assets, and networks.



Next Gen Compression
Encode streams in bandwidth
efficient H.265 HEVC.

*RIS™ Mode Only

Typical NSX™ Configuration



Technical Specifications

		NS4	NS8	NS12
Channels	Simultaneous	4	8	12
Physical	Dimensions (H x W x D)	44mm x 482mm x 365mm (1.73" x 18.98" x 14.37")		
	Weight	3.1kg (6.83lbs)	2.8kg (6.17lbs)	3kg (6.61lbs)
	Mounting	1U 19" rack mount		
Power	Input voltage	12VDC		
	Power consumption (Typical)	15w	20w	30w
Environmental	Operating temperature	0°C to 35°C / 32°F to 95°F		
	Operating humidity	Operating: 0% to 90% (non-condensing)		
Video	HDMI Input - up to 1080p/60	4	-	-
	SDI Input - up to 1080p/60	4	8	-
	HDMI output 4K/30	1	2	3
Network Streams	Supported protocols	RTSP/RTP/HTTP/UDP (MPEG, H.264, H.265)		
Other Interfaces	USB - Type A 2.0	1		
	Ethernet - RJ45, 10/100/1000	2	3	4
Included Accessories	PSU	12V 90W ACDC		
	Power cable	IEC13 (region specific)		

>300,000
OPERATIONAL
HOURS
SINCE 2020

>5 MILLION
HOURS
REDUCTION
IN HSE EXPOSURE

>\$400
MILLION
IN OPERATIONAL
SAVINGS

≤90%
REDUCTION
IN CARBON
FOOTPRINT



For more information on how Harvest can enable your remote operations please visit www.harvest.technology