

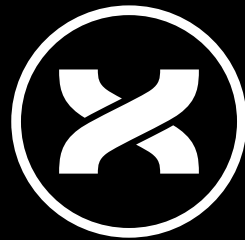


# Video Converters

Made from experience

“Manufacturing is more than just putting parts together.  
It’s coming up with ideas, testing principles and perfecting the engineering, as well as final assembly.”

– James Dyson –



More than 11 innovations in a single product.

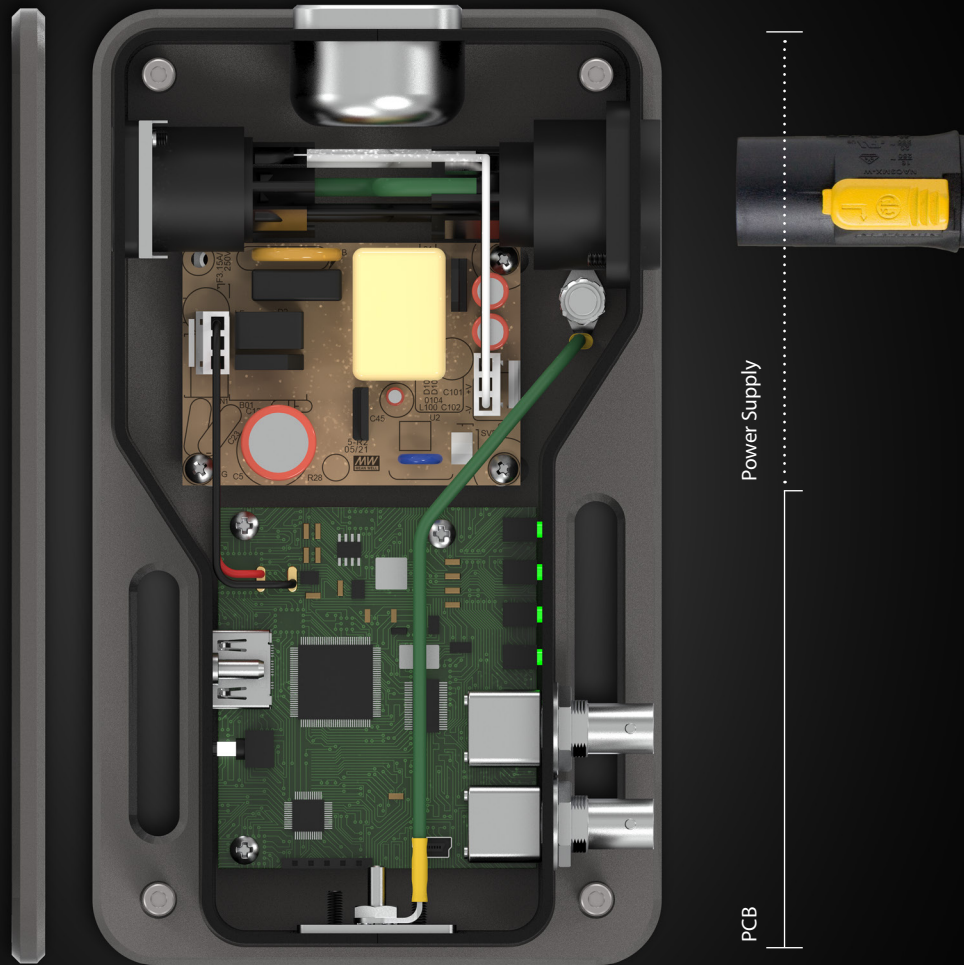




# Integrated Power Supply

External power supplies are often unreliable, overheat, clog up power strips, and are not suitable for continuous use.

Our integrated power supply is professional grade, can run efficiently 24/7.





# Built-in convenience AC outlet

This auxiliary AC outlet lets you daisy chain multiple units or quickly power nearby devices (i.e., video projector, monitor, laptop) without using unreliable power strips.



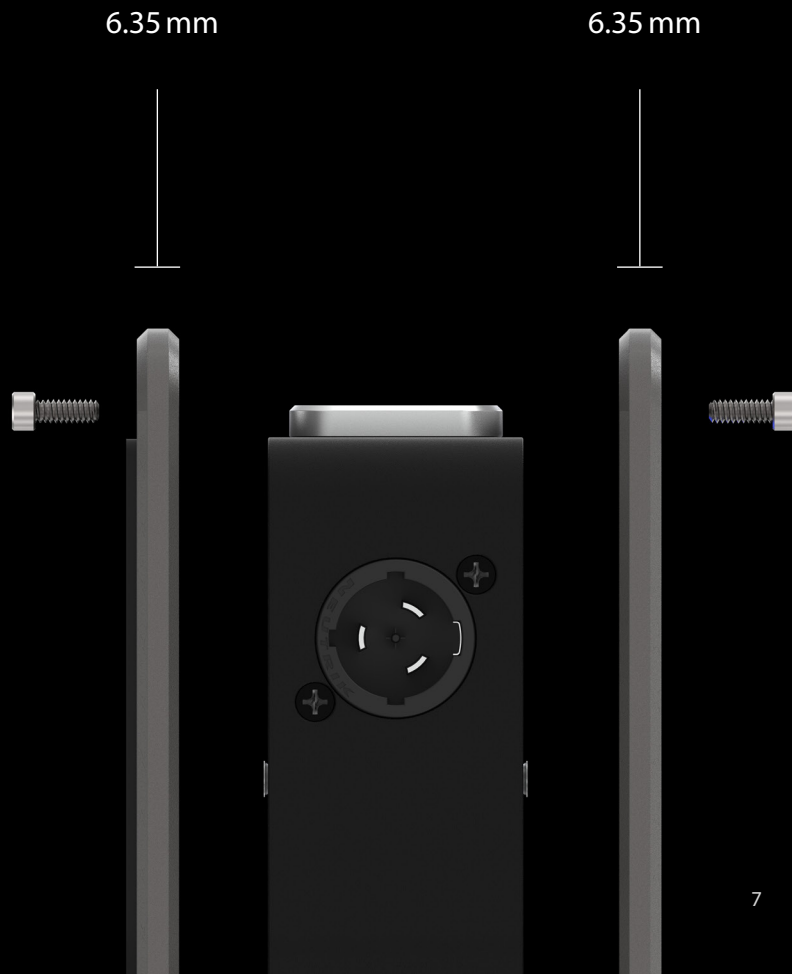
# Protected connectors

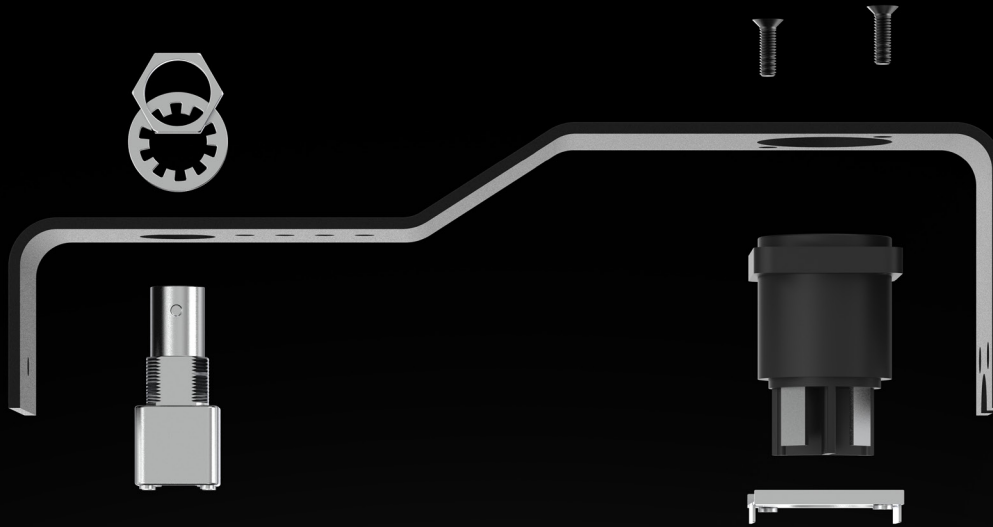
This unique construction protects the recessed connectors if the device is dropped.



# Rugged, tour-ready enclosure

We designed our enclosure to survive all applications. The top and bottom plates are 6.35 mm thick and protrude on all four sides.





# Connectors are screwed to the chassis

All connectors are secured to the frame instead of simply sitting on the PCB. This ensures, in the event of any stress applied on the connection by the cable, that the force will be distributed along the chassis and won't damage the electronics inside the device.



# Locking connectors

All connectors lock to prevent accidental disconnection during a live production.







# Magnetic stacking

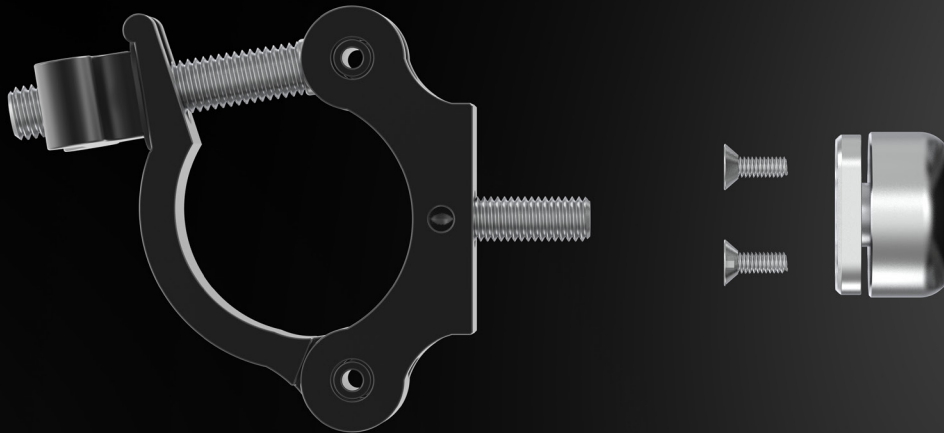
Our converters all have the same footprint and a magnetized outer chassis so they can be easily stacked. A non-skid rubber pad on the bottom secures a single device for table top installation. This feature saves many rolls of gaffer tape per year!





# C-clamp mounting option

To satisfy virtually any physical layout, all converters can be used with a C-clamp. The C-Clamp is fixed in the mega-cube (M10 thread) included in the converter and can be used to hang the device on pipes or trusses.

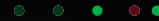


# Instant setup

Our converters really are plug-and-play:

The output is automatically configured based on the input. There are no dipswitches, buttons, or menus to fumble with. Each converter has status LED indicators to indicate its states of operation and assist in troubleshooting.

SD HD 3G POWER/SIGNAL

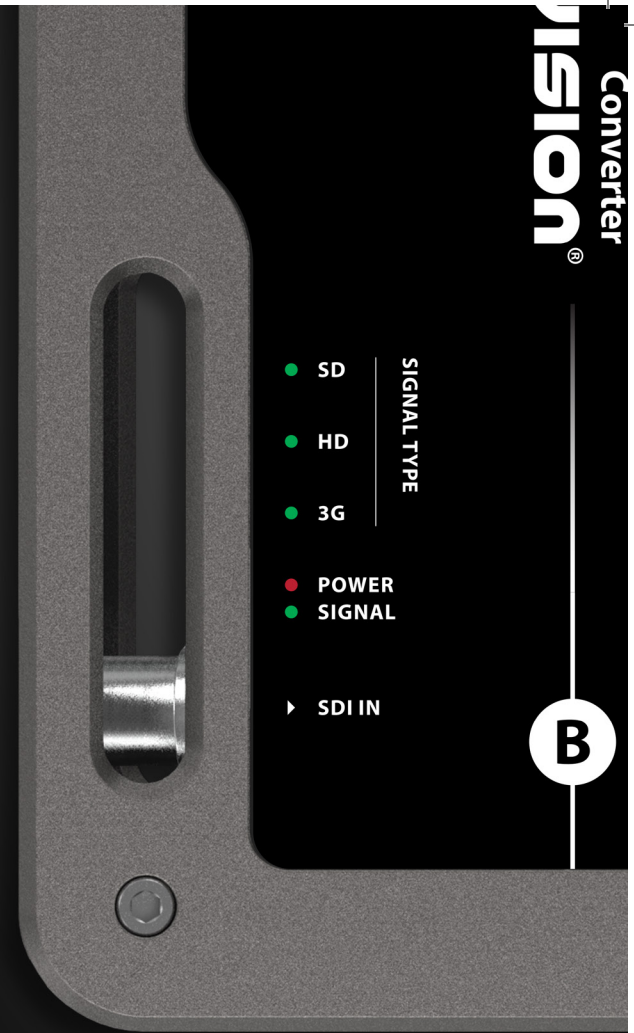


# LED indicators

A red light indicates the device is powered, and the same light turns green to show it is receiving signal.

Devices that handle SD, HD and 3G SDI signals indicate the current signal type by lighting one of three green lights.

Our audio converters indicate the signal level with a small LED bar graph.





# Multiple SDI output

All of our SDI converters include a main output and a courtesy/loop-through output, both re-clocked and amplified to maintain signal integrity.



2 x 



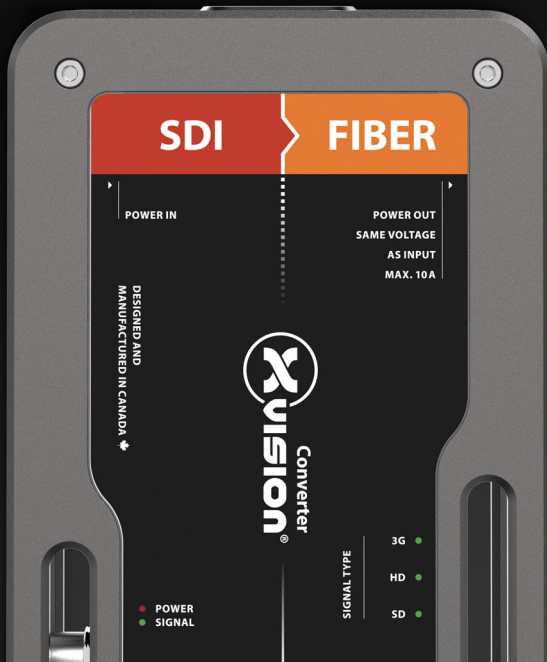
HDCP Compliant



ok.

All converters with an HDMI connector comply with the High Definition Content Protection (HDCP) specifications. This means that any video input will play except protected content.





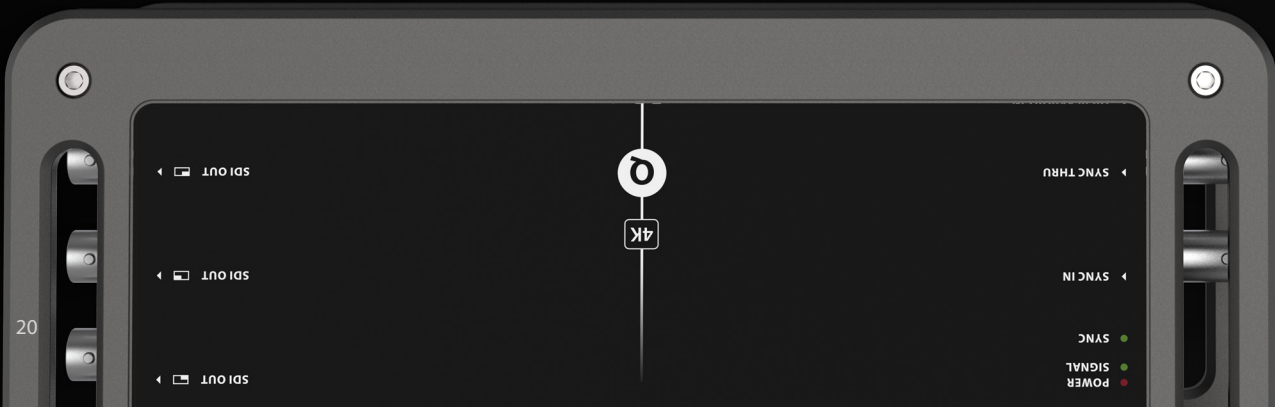


# On field ID

To help quickly scan devices in an installation, each converter's top plate uses a unique color and letter to identify its function.



- SDI Series
- Fibre Series
- HDBT Series
- HDMI Series
- IP Series





# On field ID

Letters indicate the logical signal flow between devices:

- \_\_\_\_\_ **A** starting point
- \_\_\_\_\_ **B** destination point
- \_\_\_\_\_ **C** cross signal (bi-directional)
- \_\_\_\_\_ **D** distribution amplifier
- \_\_\_\_\_ **E** embedder (audio)
- \_\_\_\_\_ **S** sound (audio de-embedder)
- \_\_\_\_\_ **R** repeater (reclocked signal)



# Proudly made and designed in Canada

Our devices are all built in Canada so we can closely supervise all aspects of assembly and production.

# 5 years

## Warranty

We do not subscribe to the theory of planned obsolescence!  
Our products are built to last. We back that up by including a 5-year  
unlimited replacement warranty on each device.

# SDI Series



## HDMI › SDI

SDI ——— A starting point

Hassle-free interfacing between consumer HDMI devices and professional SDI infrastructure. Guaranteed to work every time, even with Apple devices.

in



out



max supported signal

3G

1080p 60

# SDI › HDMI

SDI ———— **B** destination point

Easy conversion between professional SDI and consumer HDMI with zero latency and two fully reclocked SDI looping outputs.

in



out



max supported signal

3G 1080p 60





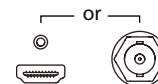


## HDMI/SDI Bi-Directional

SDI ——— C cross signal

The only converter you'll need - convert either HDMI or SDI (automatically detected) into both SDI and HDMI simultaneously with zero latency and embedded audio pass-thru.

in



out



max supported signal

3G

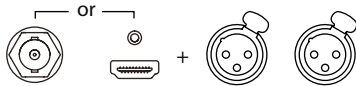
1080p 60

# SDI Embedder

SDI ——— E embedder

Combine two channels of balanced audio with metering into an incoming HDMI or SDI feed, and output fully re-clocked and amplified SDI.

in

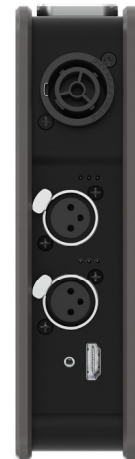
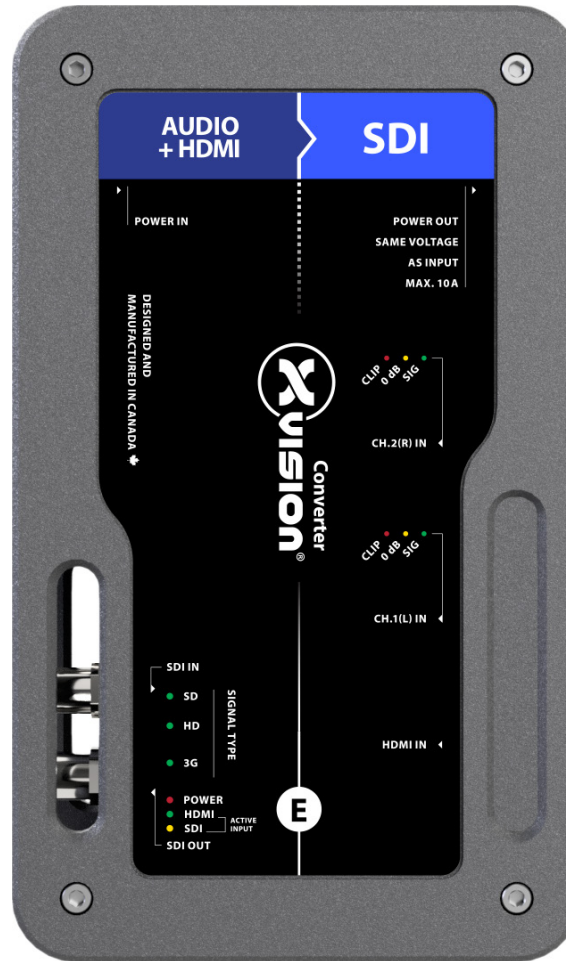


out



max supported signal

3G 1080p 60





# SDI De-Embedder

SDI ——— S sound

SDI to HDMI conversion with audio de-embedding on two balanced Neutrik XLR connectors, and 3-segments LED level meters.

in



out



max supported signal

3G 1080p 60

# SDI DA 1 : 4

SDI ——— D distribution amp.

Effortless distribution of signal with complete amplification and re-clocking to up to 4 destinations.

in



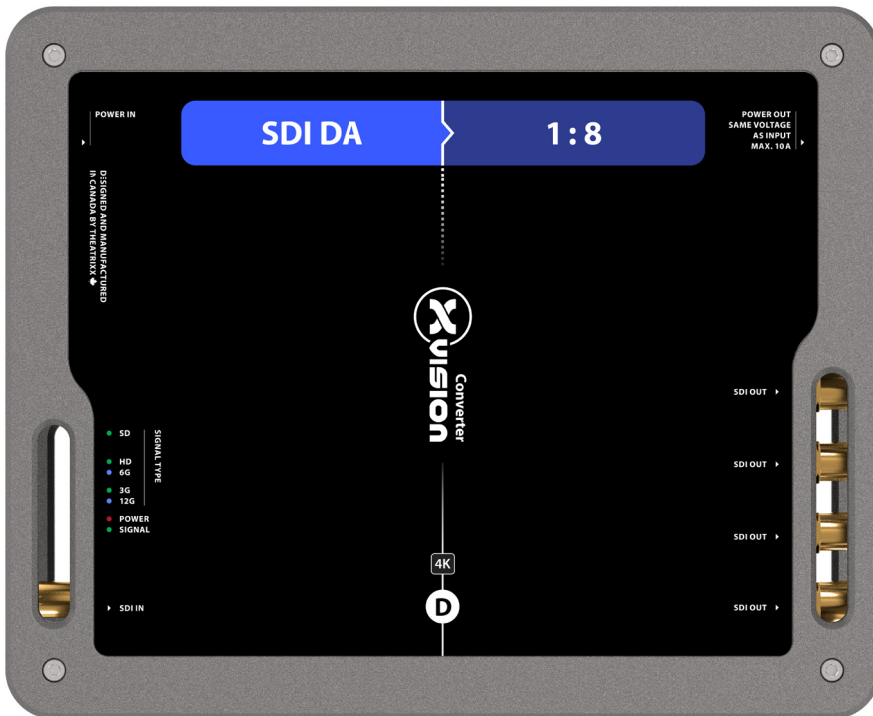
out



max supported signal

3G 1080p 60





## SDI DA 1 : 8

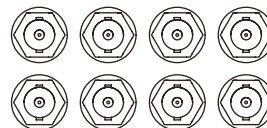
SDI ——— D distribution amp.

Effortless distribution of signal with complete amplification and re-clocking to up to 8 destinations, all in 12G-SDI.

in



out



max supported signal

12G-SDI

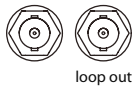
2160p 60

# SDI LINE DELAY

SDI ———— (T) Time

Delay SDI signals up to 160 frames  
(2690 ms @60 Hz) with frame-accurate  
adjustment.

in ———— control ————



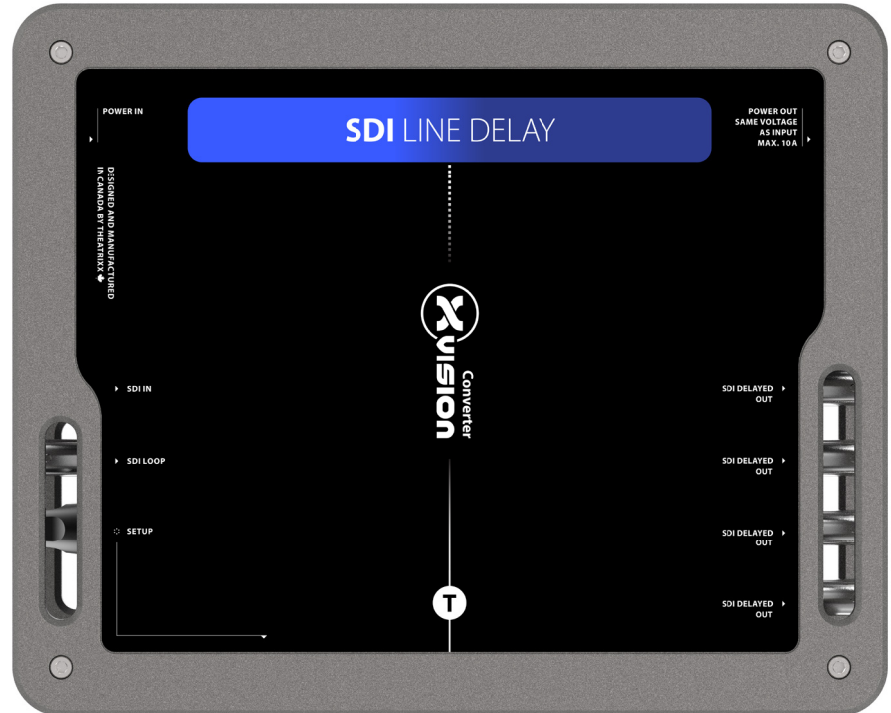
3G-SDI Line Delay  
1920 x 1080 @ 60 Hz  
160F 2690ms

out ————

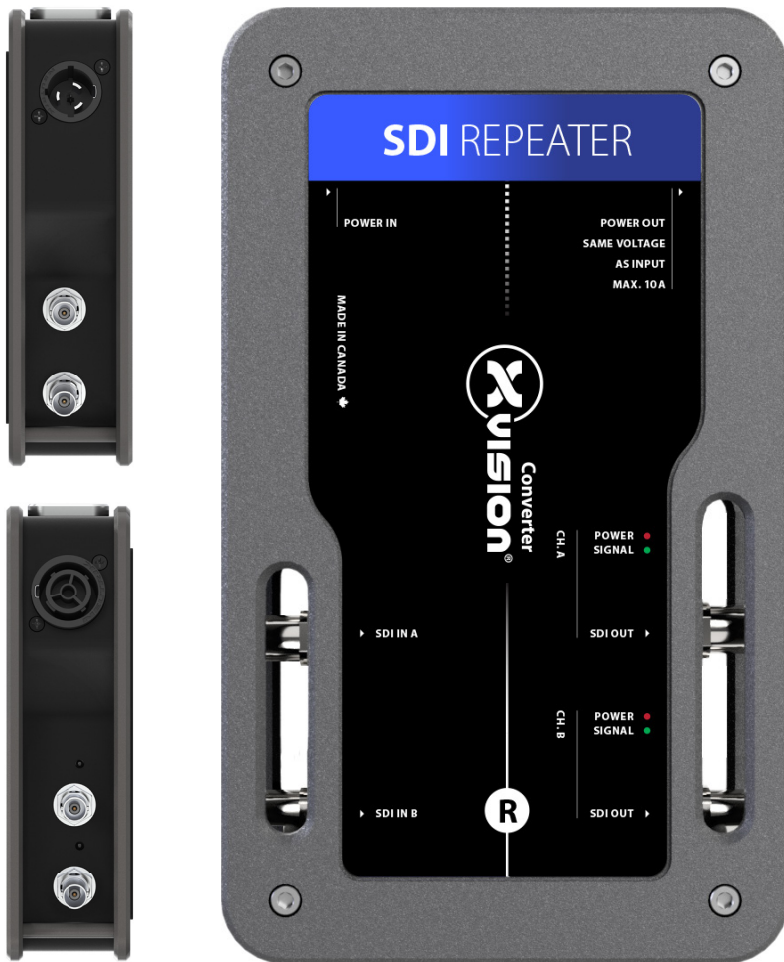


max supported signal

3G 1080p 60





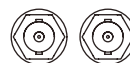


# SDI Repeater

SDI — R repeater

Full re-clocking and amplification of two dual 3G-SDI lines. Perfect to extend long lines another 100 meters.

in



out



max supported signal

3G

1080p 60

# DP › QUAD-SDI

SDI ——— Q quad slicer

Slice a 4K60 DP feed into 4 full-HD Quadrants with zero configuration. Handles 7160x1080 (4x1) slicing.

in ——— sync ———

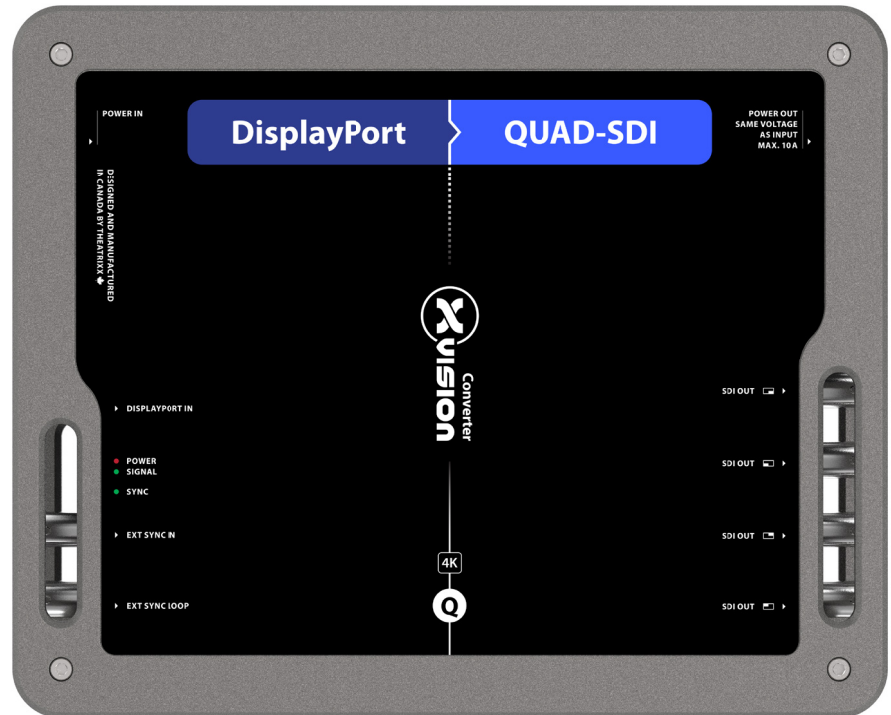


out ———



max supported signal

4k ——— input  
3G ——— output





# Fiber Series

## SDI › FIBER

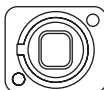
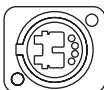
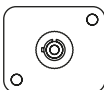
● Fiber ——— (A) starting point

SDI-Optical video conversion in a professional package. Can be fitted with OpticalCON Duo, Quad, LC, ST or any D size fibre connectors, with single mode or multi mode fiber support.

in



out

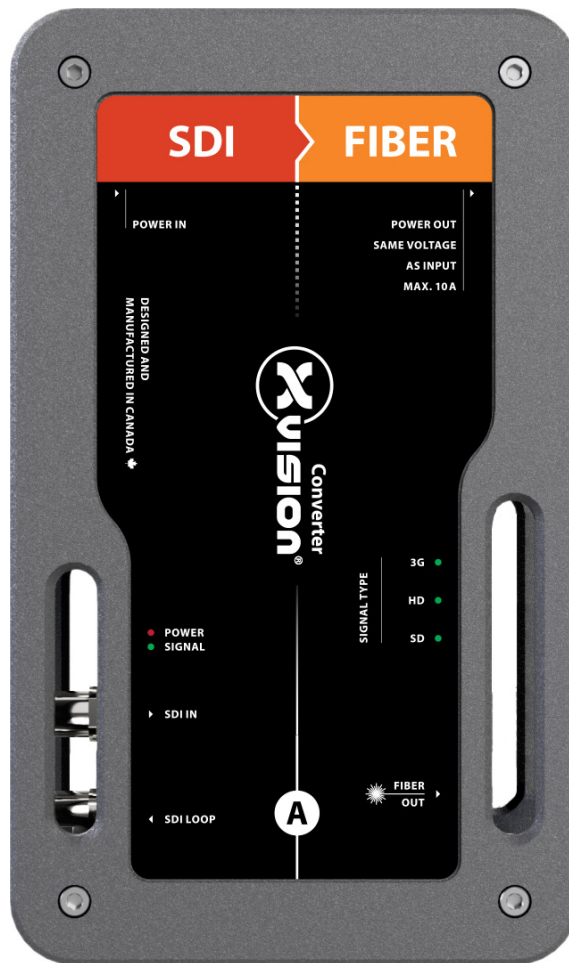


\* ST/DUO/QUAD (OPTIONAL)

max supported signal

3G

1080p 60



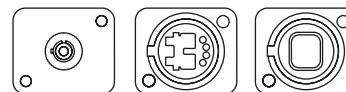


## FIBER › SDI

 Fiber
  destination point

SDI-Optical video conversion in a professional package. Can be fitted with OpticalCON Duo, Quad, LC, ST or any D size fibre connectors, with single mode or multi mode fiber support.

in



\* ST/DUO/QUAD (OPTIONAL)

out



max supported signal

3G
1080p 60

# 12G-SDI › FIBER

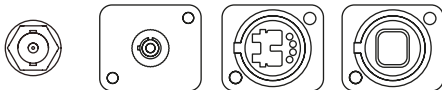
 Fiber ——— **A** starting point

12G-SDI-Optical video conversion in a professional package. Can be fitted with OpticalCON Duo, Quad, LC, ST or any D size fibre connectors, with single mode or multi mode fiber support.

in



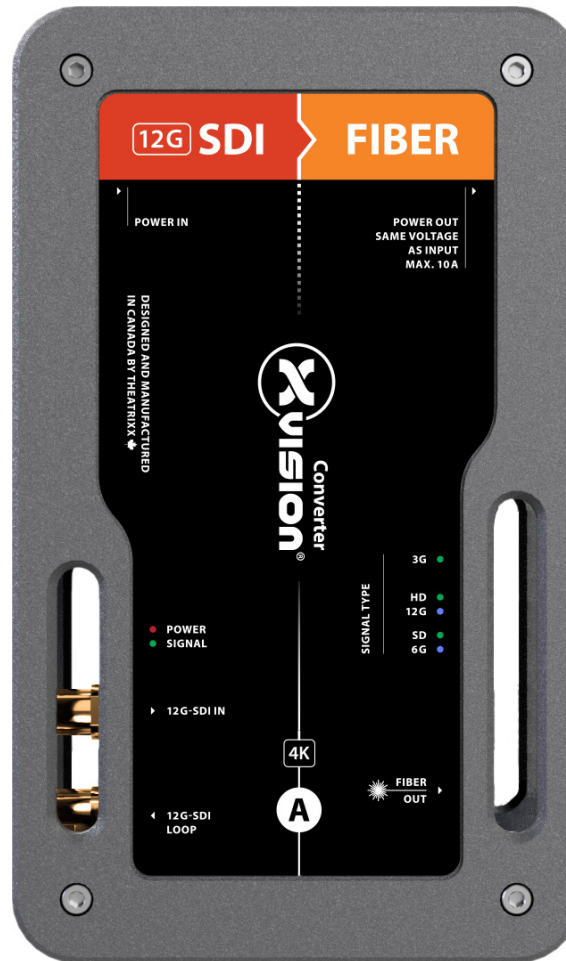
out



\* ST/DUO/QUAD (OPTIONAL)

max supported signal

12G-SDI 2160p 60



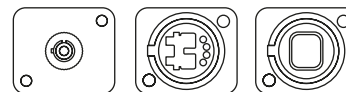


## FIBER › 12G-SDI

 Fiber
  destination point

12G-SDI-Optical video conversion in a professional package. Can be fitted with OpticalCON Duo, Quad, LC, ST or any D size fibre connectors, with single mode or multi mode fiber support.

in



\* ST/DUO/QUAD (OPTIONAL)

out



max supported signal

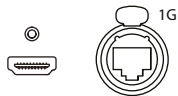
12G-SDI 2160p 60

# HDMI › FIBER

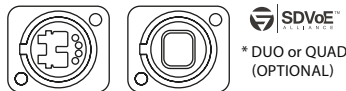
 Fiber — **A** starting point

Zero-latency, HDMI 4K60 4:4:4 transmission over 10G Ethernet Fiber using leading SDVoE technology, with 1G Ethernet auxiliary pass-thru.

in



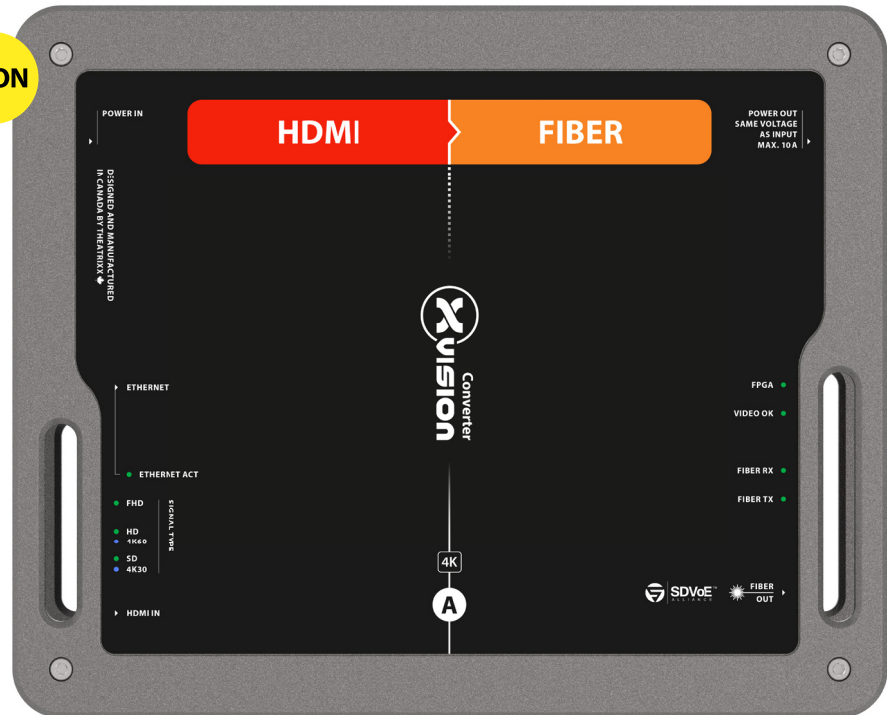
out

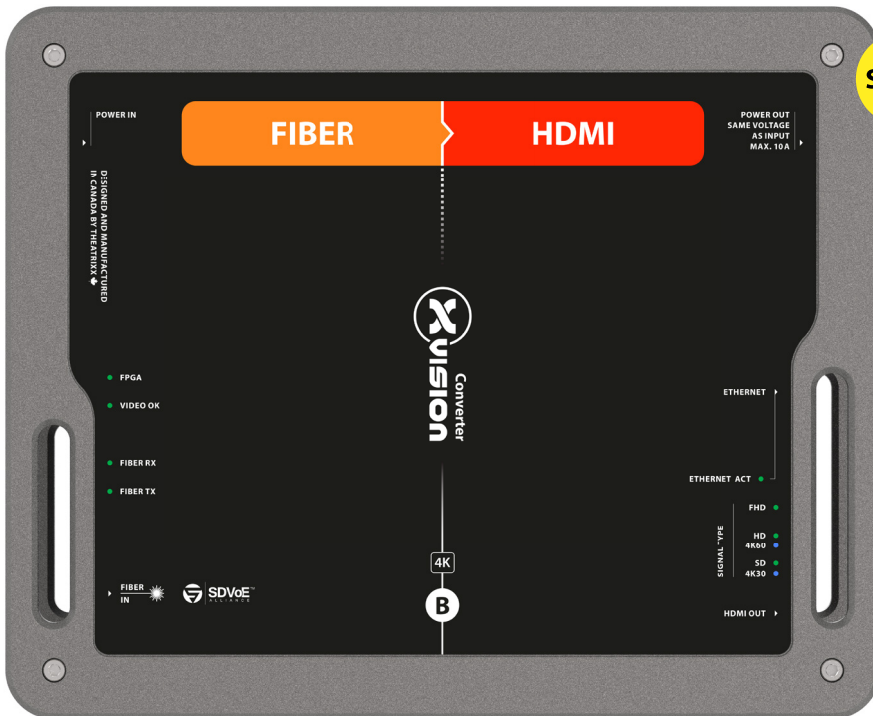


max supported signal

4k 2160p 60

SOON





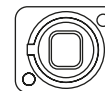
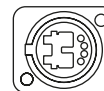
SOON

## FIBER > HDMI

● Fiber — B destination point

Zero-latency, HDMI 4K60 4:4:4 transmission over 10G Ethernet Fiber using leading SDVoE technology, with 1G Ethernet auxiliary pass-thru.

in



SDVoE™  
ALLIANCE  
\* DUO or QUAD  
(OPTIONAL)

out



max supported signal

4k

2160p 60



# HDBT Series



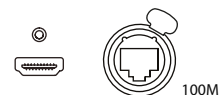


## HDMI › HDBT

● HDBT — A starting point

Transport 4K30 signals and Ethernet over up to 100 meters of CAT6 cable, with HDCP support, no compression and no latency, all with no external DC adapter.

in



out



max supported signal

4k

2160p 30

# HDBT › HDMI

● HDBT ——— (B) destination point

Transport 4K30 signals and Ethernet over up to 100 meters of CAT6 cable, with HDCP support, no compression and no latency, all with no external DC adapter.

in

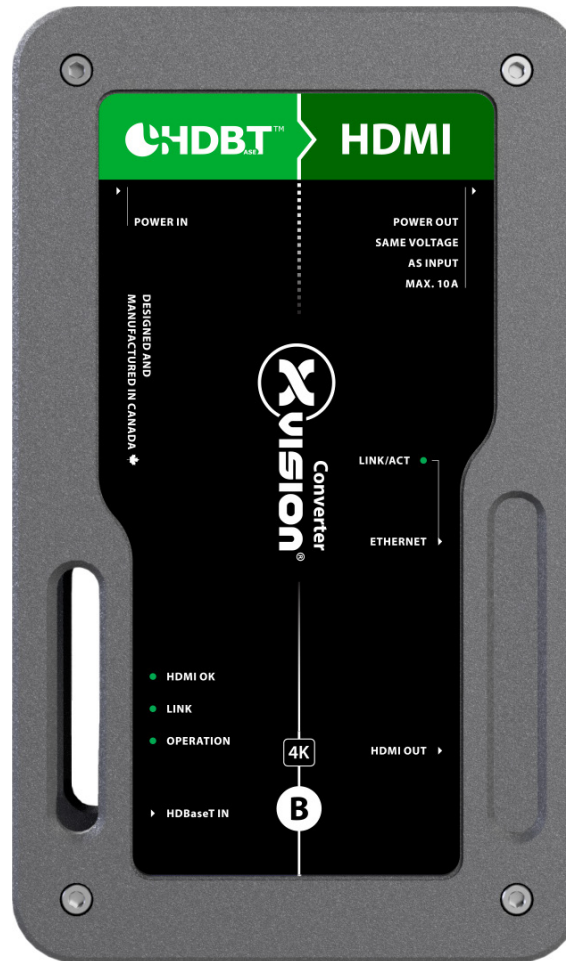


out



max supported signal

4k 2160p 30



# HDMI Series

# HDMI DA 1 : 4

 HDMI
  distribution amp.

Easy HDCP-compliant distribution of an HDMI source up to 4 destination at 4K60, with automatic per-port downscaling for backwards compatibility with FHD destinations.

in

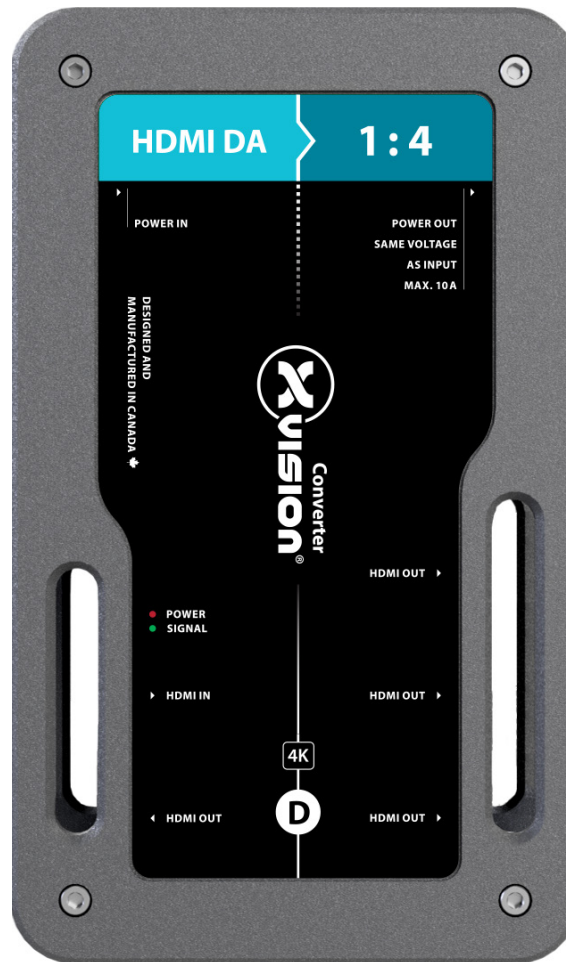


out



max supported signal

4k
2160p 60



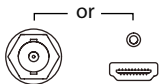
IP Series

# STREAMING SERVER

IP ———— **A** starting point

Hardware-based, FullHD HDMI or 3G encoding into H.264 for live broadcasting on the web to Facebook, YouTube or any other webcasting service - all with an easy web-based configuration.

in



out



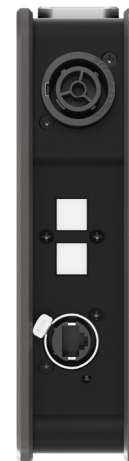
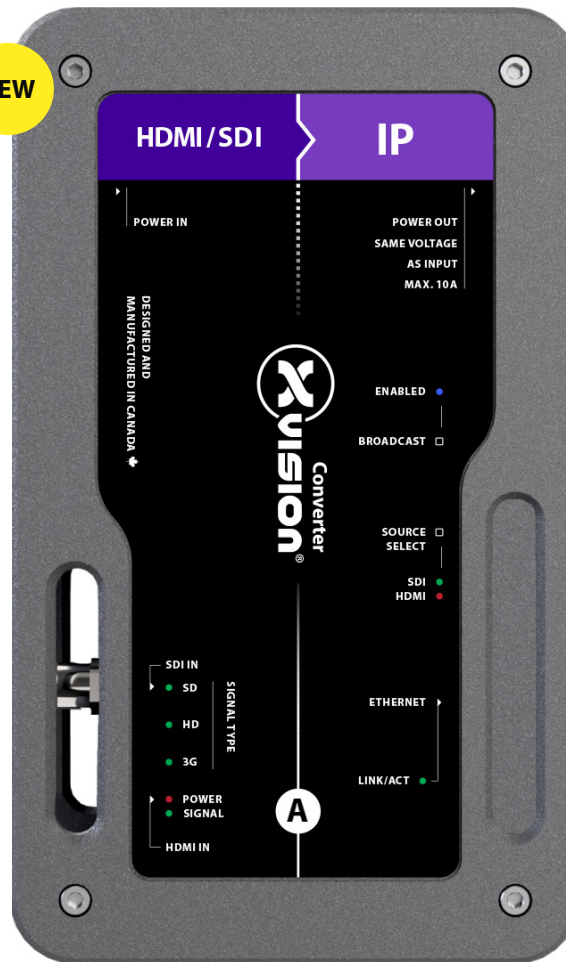
control



max supported signal

3G 1080p 60

NEW







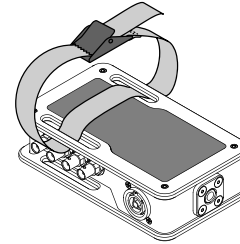
HDMI

SDI

POWER IN

POWER OUT  
SAME VOLTAGE  
AS INPUT  
MAX. 10A

DESIGNED &  
ASSEMBLED

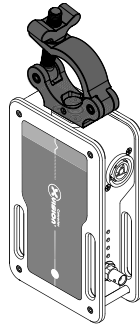


## ARNO<sup>®</sup> strap

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The woven polypropylene fabric of the Arno straps offers a strong yet flexible way to attach your converters to any setup. The slots in the housing are specially designed to ensure the strap maintains the device fully supported.





## C-Clamp (M10)

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Rigging the converter is made easy with the use of a C-Clamp. Solidly attached to the M10 built-in thread, it provides a safe hanging method and it will be a breeze to handle. No need to juggle with cable ties or messy tape.



3 units



2 units



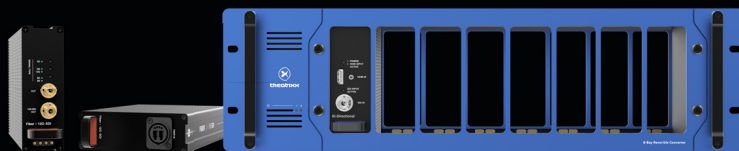
1 unit



## NANUK® Cases

Lightweight, stylish, and compact, Nanuk cases are perfect for carrying your xVision Converters in any environment. Like all NANUK cases, those three models are impenetrable with their tough resin shell and PowerClaw latching system. Rugged and waterproof, it protects your gear like no other compact case can. Fitted with custom precision-cut foam, they will protect your investment for years to come.





ALSO  
AVAILABLE

## 8-Bay Reversible Converter

The Theatrixx Reversible Converter system is the natural extension of the award-winning xVision Converter line, now available in a modular rackmount format with the same processing quality and reliability that is the hallmark of the xVision brand. In a continuous effort by Theatrixx to eradicate unprofessional wall-warts from our industry, the modular design allows each system to be configured exactly as needed, and even reconfigured on-the-fly, with a host of modules available, featuring SDI, HDMI, Fiber, HDBaseT and more.



[theatrixx.com/xvision](http://theatrixx.com/xvision)