The Evolution of Video Conversion

Converter XVISION®

More than 11 innovations in a single product.

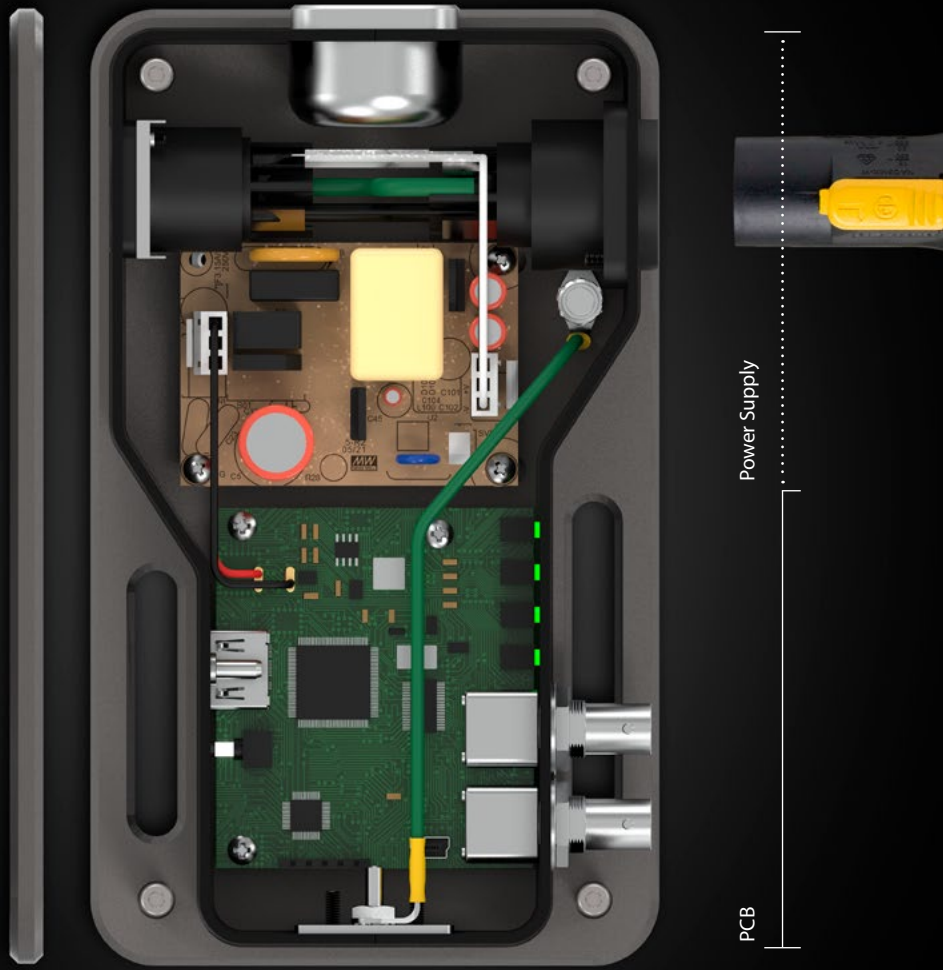
" Manufacturing is more than just putting parts together.
It's coming up with ideas, testing principles and perfecting the engineering, as well as final assembly. "

– James Dyson –

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

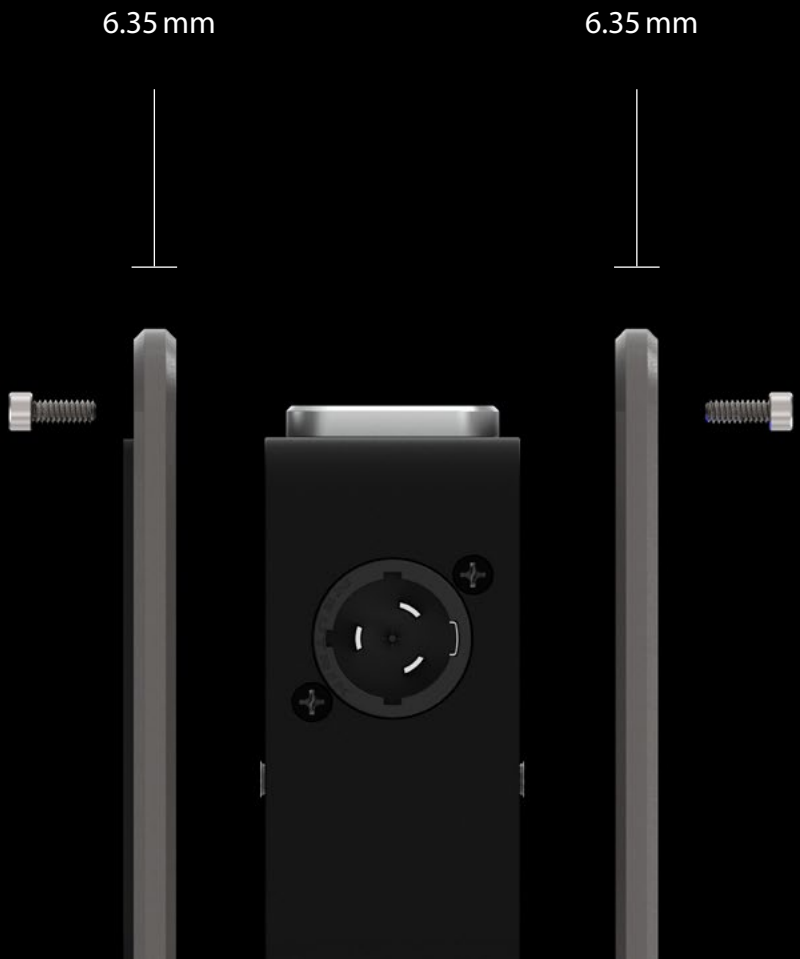
This auxiliary AC outlet lets you daisy chain multiple units or quickly power nearby devices (i.e., video projector, monitor, laptop) without using unreliable power strips.

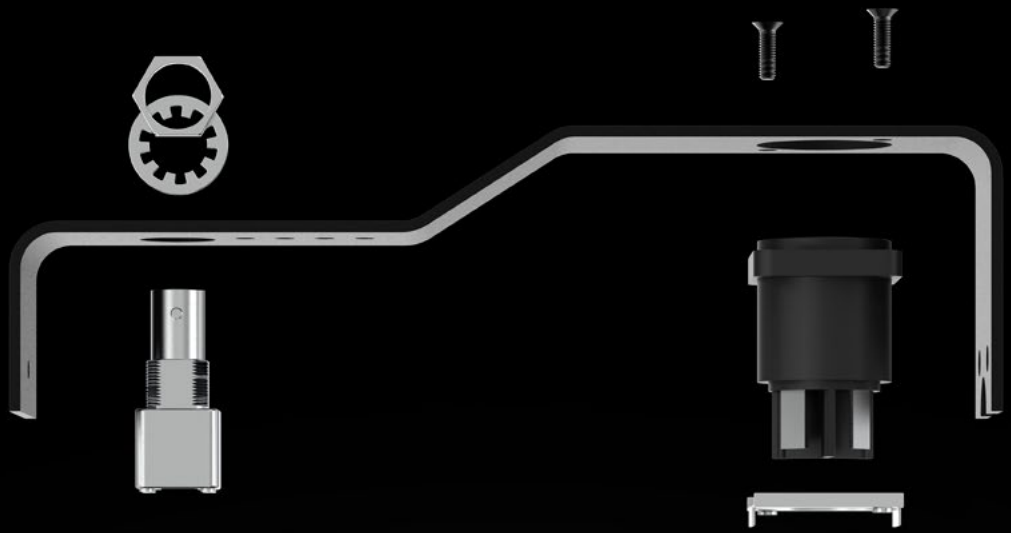
Protected connectors

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.



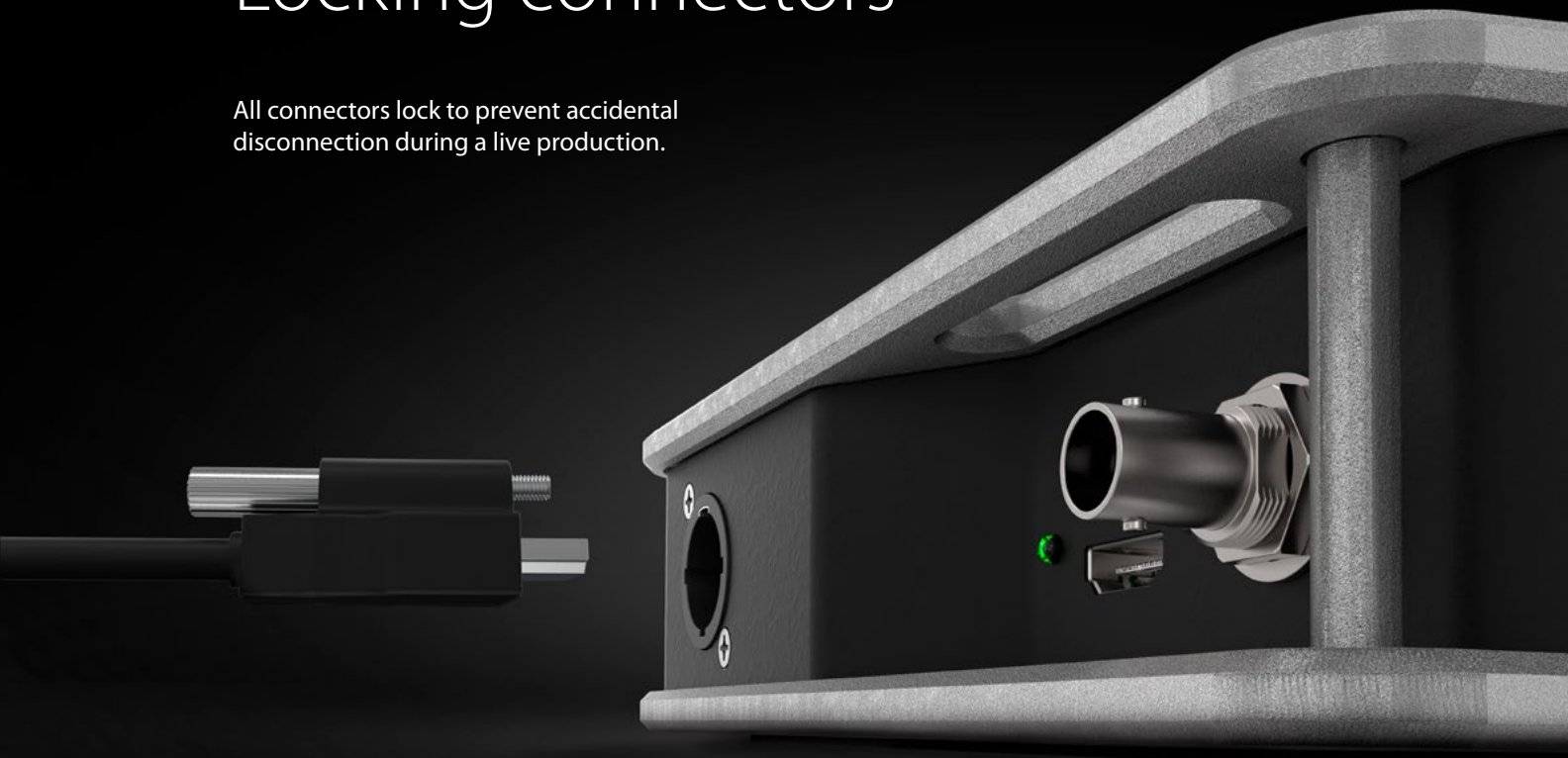


Connectors are screwed to the chassis

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.

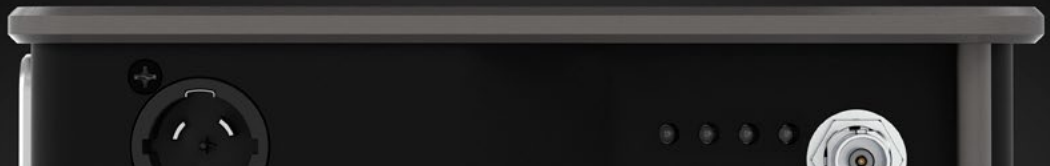
Locking connectors

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



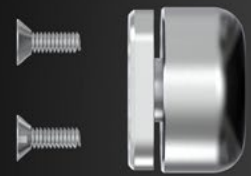
Magnetic stacking

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 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:

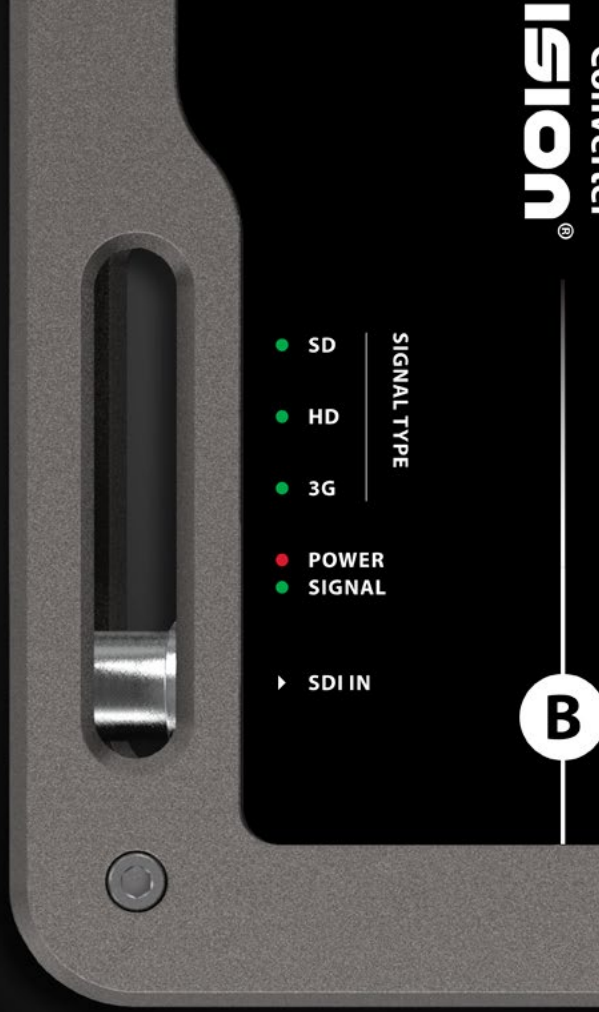
The output is automatically configured based on the input. There are no dipswitches, buttons, or menus to fumble with. Each converter has status LED indicators to indicate its states of operation and assist in troubleshooting.

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.



2 x

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.

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.

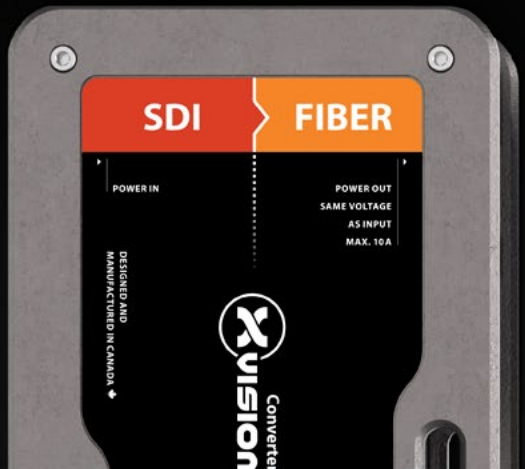
On field ID

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



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

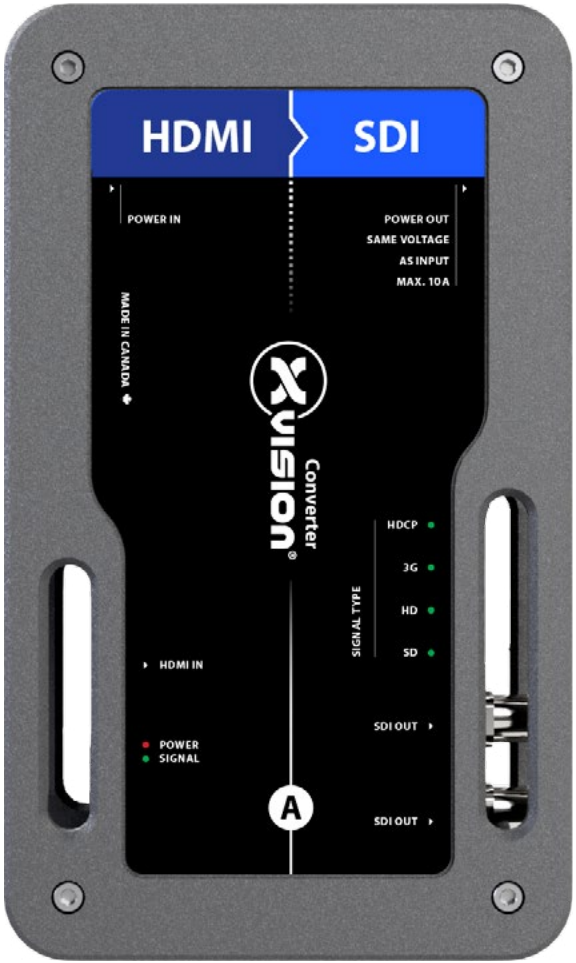
Our devices are all built in Canada so we can closely supervise all aspects of assembly and production.

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

3G | 1080p 60

supported signals

SDI › HDMI

SDI —— (B) destination point

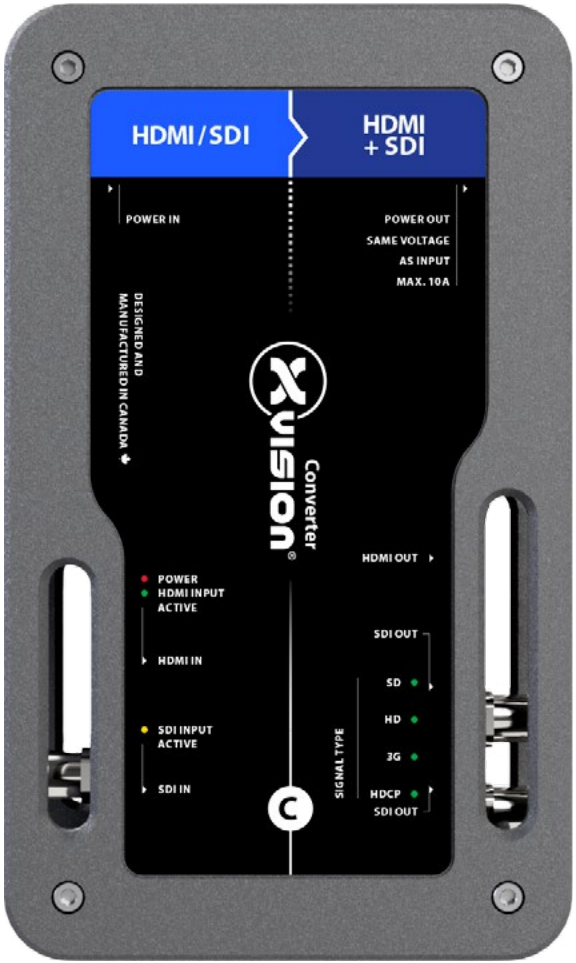
Easy conversion between professional SDI and consumer HDMI with zero latency and two fully reclocked SDI looping outputs.

in

out

3G | 1080p 60

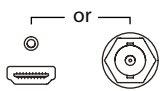
supported signals



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

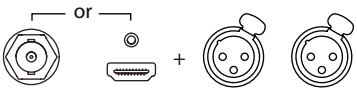
3G 1080p 60

supported signals

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

3G | 1080p 60

supported signals

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

3G | 1080p 60

supported signals

SDI DA 1 : 4

SDI —— (D) distribution amp.

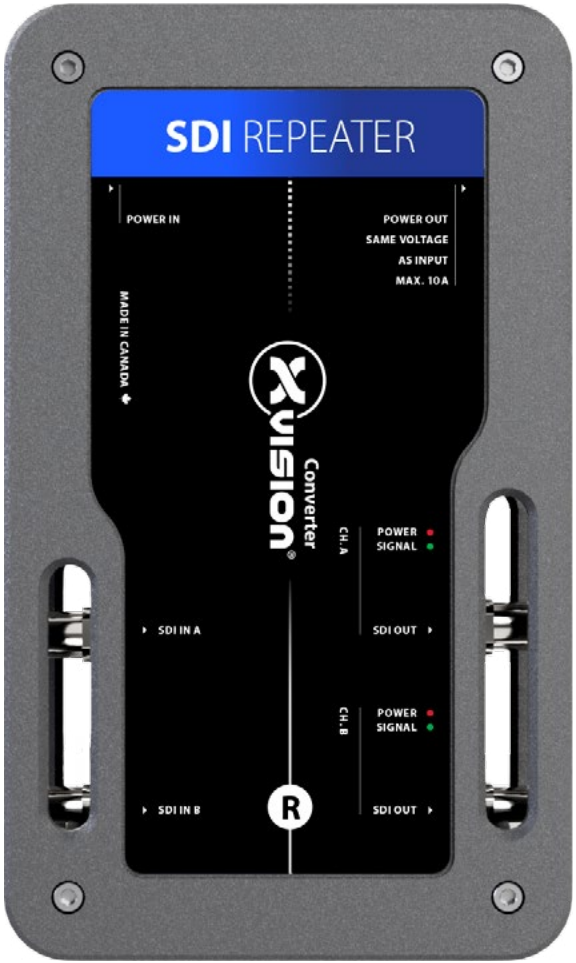
Effortless distribution of signal with complete amplification and re-clocking to up to 4 destinations.

in

out

3G | 1080p 60

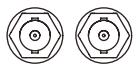
supported signals



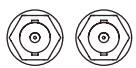
SDI Repeater

SDI ——— (R) repeater

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



in



out

3G | 1080p 60

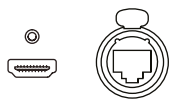
supported signals

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

4k | 2160p 30

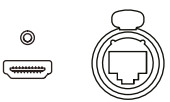
supported signals

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

4k | 2160p 30

supported signals

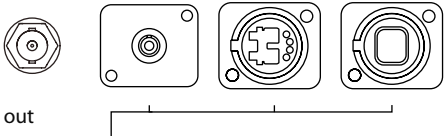
Fibre Series

SDI › FIBRE

Fibre —— (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)

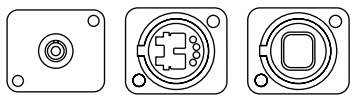
3G | 1080p 60

supported signals

FIBRE › SDI

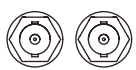
Fibre —— (B) destination point

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

3G | 1080p 60

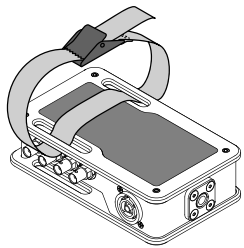
supported signals

HDMI
SDI
POWER IN
POWER OUT
SAME VOLTAGE
AS INPUT
MAX. 10A

Accessories

Accessories ——— Rigging

C-clamp



ARNO® strap

Accessories —————— Casing

NANUK® Cases

- 3-Space Case
- 2-Space Case
- 1-Space Case

A Product by Theatrixx Technologies

xVision Converter is a product developed by Theatrixx Technologies inc. It is designed and manufactured by our team in our factory located in Montreal, Canada. This product was born from the idea of integrating the philosophy of the company into a device that has never expressed robustness, reliability nor ease of use before.

A xVision product proudly developed and manufactured by Theatrixx Technologies Inc.

theatrixx technologies

theatrixx.com/xvision