

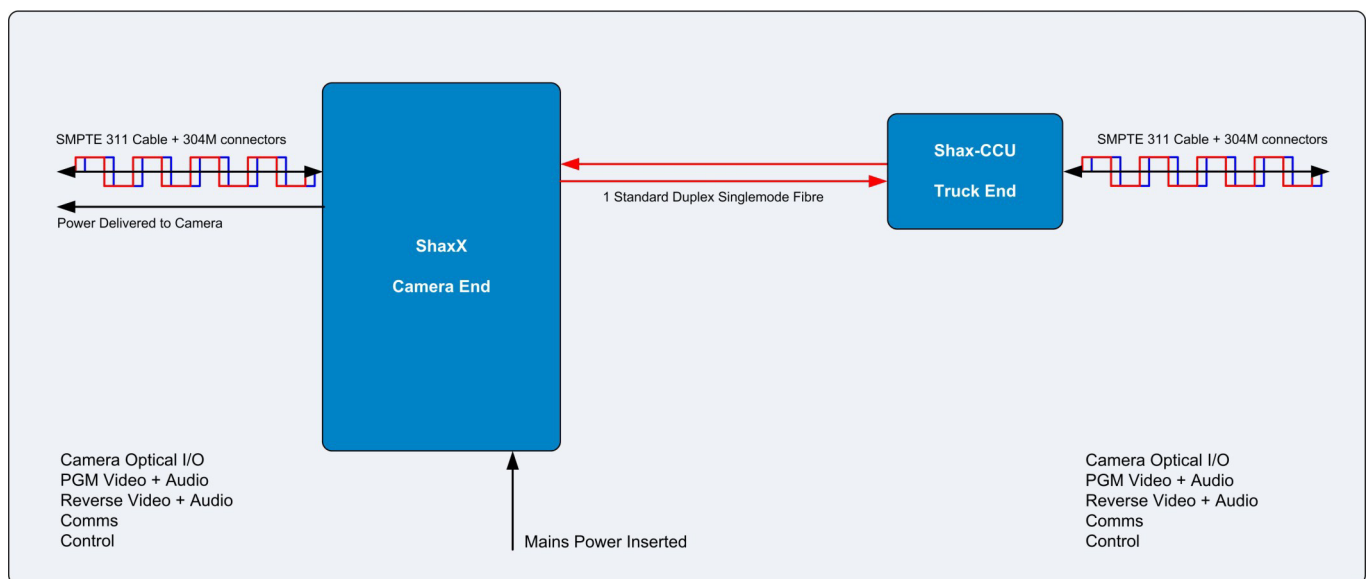
Deployable Optical Products for Outside Broadcast



Description:

- The **ShaxX System** enables remote powering of broadcast cameras with SMPTE 304M hybrid connectors by inserting power over the hybrid cable from a mains supply located up to 300m away.
- When paired with the **Shax-CCU**, the system allows full deployment of camera and CCU connections over standard singlemode fibre networks, ideal for stadiums and large venues.
- Replaces traditional hybrid fibre/copper cabling with standard fibre, maintaining all signals and communications while freeing the camera from local mains power.
- Enclosed in a robust, ruggedised aluminium housing, perfect for Outside Broadcast and flyaway setups.
- Can be combined with BC Series multi-format interfaces to carry multiple camera signals over a single fibre, simplifying rigging and reducing installation time.
- Front panel LEDs provide instant visual feedback on link and power status between each camera and CCU.

ShaxX Diagram



Specifications

ShaxX

Optical I/O	
Connector	1 x LEMO PHW 3K.93C Free Socket
Wavelength	Independent
Optical I/O	
Connector	2 x Female ST, SC, FC See Ordering Information
Wavelength	Independent
Optical Loss	< 1 dB per end
Mains Input	
IEC Mains Inlet	Selectable IP rating 115 or 230 V ac.
Conformance	
EMI/RFI	Complies with 89/336/EEC
Electrical	Complies with EN 61000-6-1, EN61000-6-2
RoHS	Complies with Directive 2002/95/EC
IP Rating	IP50

General Specifications

Dimensions	320 x 200 x 170mm with handles 320 x 135 x 170mm without handles
Operating Temp	-20 to +60 °C
CCU Supply Voltage	36 V dc and 240 V ac
Warranty	5 Years

Ordering Information

ShaxX-XX SMPTE Hybrid Alternative Connection Kit - Used in conjunction with Shax-CCU allows hybrid fibre enabled cameras to be connected to the CCU over standard fibre networks. Power is inserted into the hybrid cable.

Key /XX Replace -XX with -ST for ST/PC connector(s)
Replace -XX with -FC for FC/PC connector(s)
Replace -XX with -SC for SC/PC connector(s).
N.B. ST is the standard preferred stock item. For alternatives contact the Sales Office.

Note: Units are provided in Multi Camera format as the standard factory option. **An individual front panel switch for each channel allows user adjustment for Sony, Hitachi and Ikegami cameras.** All Shax and ShaxX units are currently compatible with the following

Sony	HDC-900/950/1000/1500/1700/2500
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	Contact the Sales Office for HDC-4300 and F55 camera compatibility
Hitachi	CU-HD1200 camera compatibility
Ikegami	HDK-97GX

Bluebell

Bluebell Opticom Limited,
Unit 2 The Quadrant,
Howarth Rd,
Maidenhead,
Berkshire,
SL6 1AP, UK
Tel: +44 (0) 1628 510055,
Email: sales@bluebell.tv
Website: www.bluebell.tv

