

Bluebell

Deployable Optical Products for Outside Broadcast



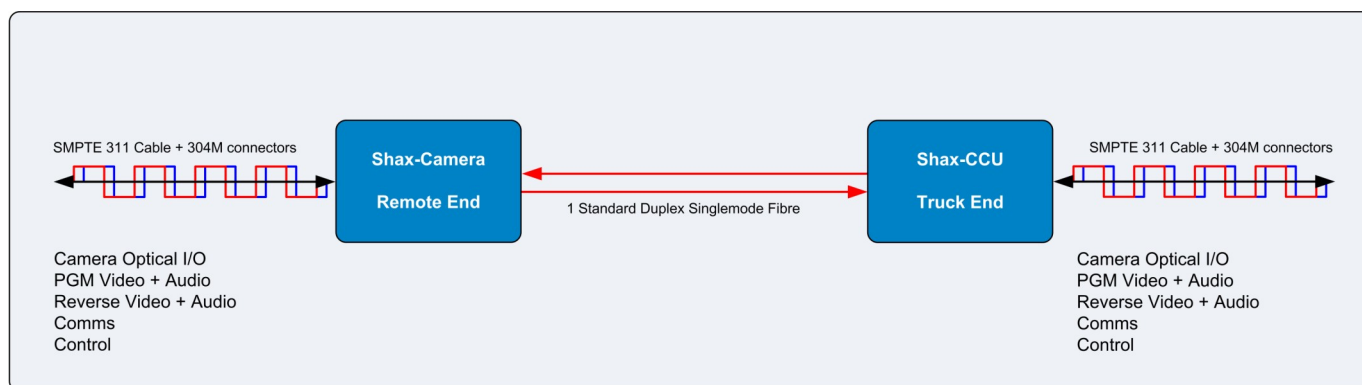
Shax SMPTE Hybrid Alternative Connector Kit

The Shax System from Bluebell has been designed to allow SD-SDI and HD-SDI broadcast cameras fitted with Standard SMPTE 304M hybrid connectors to be deployed using ordinary singlemode optical fibre.

This system allows the user to replace the fibre/copper hybrid cable between the camera and the CCU with standard fibre cable. The Shax system is perfect for Stadiums, Arenas and Concert Halls that have pre-installed fibre networks.

Both ends of this system are enclosed in a compact, lightweight, ruggedised aluminium enclosure, ideally suited to Outside Broadcast and Fly Away applications where the camera can be powered locally.

Shax extends the range of the camera system and releases the Operator from long lengths of bulky hybrid cable. The mating with the duplex singlemode fibre is done via standard SC, LC, ST or FC connectors.



Specifications

Shax-Camera

Optical Input

Connector Lemo PHW 3K.93C Free Socket
Wavelength Independent

Optical Output

Connector 2 x female SC, LC, FC or FC/APC
See Ordering Information
Wavelength Independent
Optical Loss < 1 dB per end

Shax-CCU

Optical Input

Connector 2 x female SC, LC, FC or FC/APC
See Ordering Information

Optical Output

Connector Lemo FGW 3K.93C Straight Plug
Wavelength Independent



Shax-CCU



Shax-Camera

General specifications

Diameter 39 mm
Length 136 mm Shax-CCU
124 mm Shax-Camera
Operating Temp -20 to +60 °C
CCU Supply Voltage 36 V dc and 240 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
Warranty 5 years

Ordering Information

Shax-Camera-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.
Shax-CCU-XX	SMPTE Hybrid Alternative Connection Kit - Used in conjunction with Shax-Camera allows hybrid fibre enabled cameras to be connected to the CCU over standard fibre networks.
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.
Sony	HDC-900/950/1000/1500/1700/2500 Contact the Sales Office for HDC-4300 and F55 camera compatibility
Hitachi	CU-HD1200 camera compatibility
Ikegami	HDK-97GX