

## Overview

**CAMLINX** provides a multi-channel bi-directional fibre optic communication link between a base unit and a generic camera adapter. Designed to work with a wide range of SD and HD professional video cameras and camcorder units the system offers a range of video, audio and data channels to provide a full studio camera style interface at a fraction of a system cameras' cost.

The **CAMLINX** head end unit replaces the battery and remote camera power is made available from the base unit through the hybrid optical camera link. Alternatively the system can be operated through a fibre only infrastructure and powered using a battery. The **CAMLINX** system provides an ideal solution for studio, ENG or EFP use.



### Standard Features

- Transmit and Return SDI/HD-SDI Video Channels
- Genlock reference channel for tri-sync or Black and Burst
- Analogue audio transmit and receive pairs for Intercom
- 2 x Bi-directional RS232/422 Data Channels
- Camera Head Tally light and GPO
- User selectable On Screen Display diagnostics
- LCD system setup and operational diagnostics displays
- 12V 60W - Remote Power facility over 250M
- Configured with Neutrik opticalCON DUO hybrid connectors

### Optional Features

- Analogue Audio Stereo Pair Send and Receive Modules with pre-amp and phantom power
- LEMO 3K.93C SMPTE Hybrid Connector or Lemo Series H Fibre only Connector Options
- Adapter cables for interfacing Camera RCPs – Sony, Panasonic, Ikegami, Hitachi, Thomson etc.
- Battery mounting plates for Head End Unit – V-lock, PAG or Anton Bauer

### Head End Unit

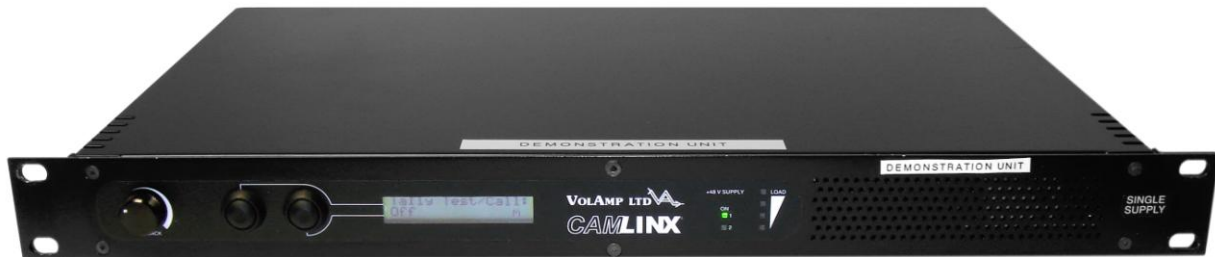
Swivel Arm Fibre Link

LCD  
status  
and  
diagnostics



*Camlinx* can  
be supplied  
with a range  
of camera  
mounting  
plates

### Base Unit



### Rear View

#### **Standard Specifications**

Power Base Unit – IEC Mains input [Auto Sensing]

Power Head End – 12v DC via remote power facility or locally via 4pin XLR

Remote Power – 48V DC supplied from Base Unit which is regulated down to 12V by Head End unit.

Remote Power Range – 250M with a 12V 60Watt Load.

Video TX - SDI / HD-SDI conforms to SMPTE 259M, 292M (1.495Gb/s) via 75 ohm BNC

Video Return - SDI / HD-SDI conforms to SMPTE 259M, 292M (1.495Gb/s) via 75 ohm BNC

Intercom Audio – balanced Tx and Rx analogue audio pair plus ground/screen via 5pin XLR

Data – 2 independent bi-directional user configurable RS232/RS422 channels up to 500Kbit/S

Tally In (Base) – opto-isolator inputs via 15pin D socket – local 5V power source for contact closer enable.

Tally Out (Head) – Indicator Light on head unit with push button override. Contact Closure GPO activated with tally.

Optical Transmission Distance – Up to 2Km on 9/125 um single mode fibre optic cable.

\*Specifications are subject to change without notice