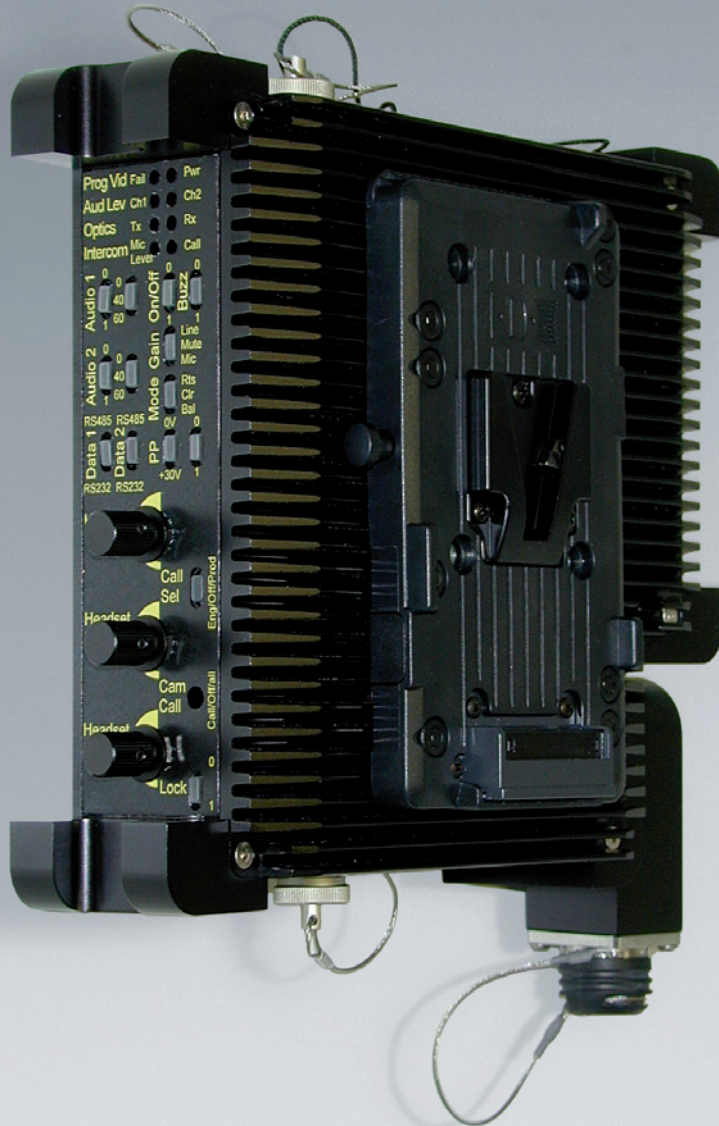


PRELIMINARY
DATASHEET
PATENT PENDING

HD Z-LINK™ FIBRE OPTIC LINK SYSTEM FOR VIDEO, AUDIO AND CONTROL SIGNALS



Compact digital optical link

The HD Z-Link fibre optic camera link system from LEMO provides multi-channel system camera-style video and audio connections, and control for studio cameras and camcorders alike over a single hybrid cable using LEMO 3K.93C connectors.

The use of high bandwidth fibre optics and the multiplexing of numerous forward and return video, audio, talkback and data channels provides full communication with any camera position.



The HD Z-Link is compatible with a wide ranges of cameras from top end digital cinematography cameras, broadcast system cameras and camcorders, professional cameras and camcorders and top end consumer cameras from Sony, Thomson, Hitachi, Ikegami, and Panasonic, to name a few, to low cost handheld camcorders.

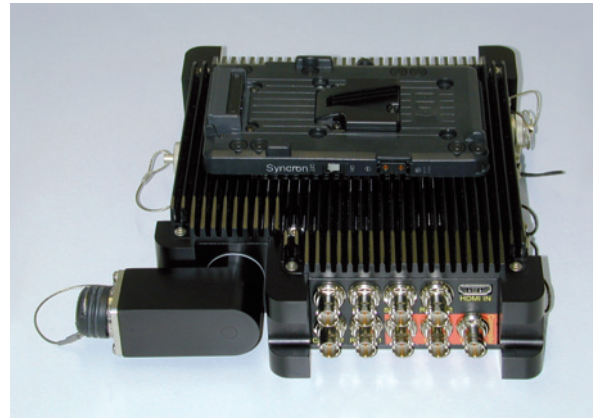
The dual 1.5Gb/s HD SDI option allows support of stereoscopic (3D) implementations of the Red One® (and other cameras).

The HD Z-Link is able to carry 3Gb/s HD SDI which gives it a competitive advantage over the 2.5Gb/s products that do not support 1080P.

When fitted with the HDMI input option and the standard 8V power supply, the HD Z-Link allows low cost hand held camcorders to be used as studio cameras for the Corporate Video market and in education, for example in University TV studios.

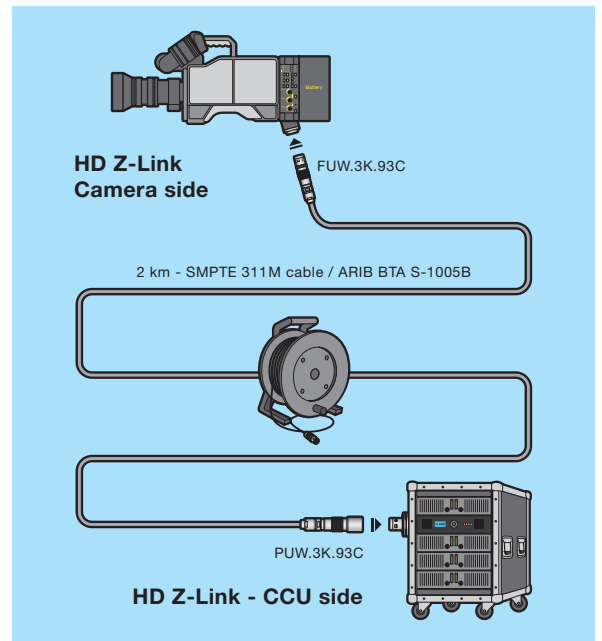


HD Z-Link CCU side



HD Z-Link camera side

Characteristics	HD Z-Link with all options	Basic HD Z-Link
1080P 50 or 60Hz Program	•	○
Dual channel program video for Stereoscopic (3D)	•	○
1080P Return	•	○
Dual link HD SDI input/output	•	○
Dual Link HD to 3Gb/s	•	○
3Gb/s input/output	•	○
Basic Camera Reference Connection	•	•
Gearsync (Automatic Genlock / synchroniser management)	•	○
HDMI Input/output	•	○
9V supply for Camcorders	•	○
18 Audio Channels or more	•	•
Two-channel Intercom	•	•
Multisystem Intercom	•	•
Front panel menu driven control	•	○
Test pattern generator	•	○
HD down converter	•	○
Ethernet	•	•
Compatible with all SD Cameras	•	•
Compatible with all HD Cameras	•	not 1080P
Hybrid Power Option (100Watts or more)	•	•
Advanced Hybrid Power Safety Features	•	•



For more information, please contact zlink@lemo.com

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