

SMC-CAM-LC / SMC-CCU-LC

SMPTe media convertor without power supply for Sony, Hitachi and Ikegami

Data Sheet



Description

The SMC (SMPTe Media Convertor) system from Norwia has been designed to allow SD-SDI and HD-SDI broadcast cameras fitted with Standard SMPTe 304M hybrid connectors to be deployed using ordinary single mode 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 SMC system is perfect for Stadiums, Arenas and Concert Halls that have preinstalled fibre networks.

Both ends of this system are enclosed in a compact, lightweight, ruggedized aluminum enclosure, ideally

Features

- Single CCU per unit
- Sony, Hitachi and Ikegami compatible
- LC optical connectors (2)
- Ideally suited for miniHUB optical transport for multiplexing multiple camera through 1 fiber.

Part Number Options

Part Number	Temperature
SMC-CAM-LC	-20°C to +60°C
SMC-CCU-LC	-20°C to +60°C

Compatibility	
Sony	HDC-900/950/1000/1500/1700/2500 HDC-4300 and F55 camera compatibility, please contact office
Hitachi	CU-HD1200
Ikegami	HDK-97GX

Specifications

SMC-CAM-LC

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

Optical Output	
Connector	2 x Female LC
Wavelength	Independent
Optical Loss	< 1 dB per end

SMC-CCU-LC

Optical Input	
Connector	2 x Female LC
Wavelength	Independent

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

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	
Diameter	39mm
Length	136 mm SMC-CCU 124 mm SMC-CAM
Operating Temp	-20 to +60 0C
CCU Supply Voltage	36 V dc and 240 V ac
Weight	0.45kg
Warranty	5 years

Additional information

SMC-CAM-LC SMC is used in conjunction with SMC-CCU-LC allows hybrid fibre enabled cameras to be connected to the CCU over standard fibre networks.

SMC-CCU-LC SMC-CCU-LC is used in conjunction with SMC-CAM-LC, SMC-CAM-P-LC and SMC-CAM-P2-LC to allows hybrid fibre enabled cameras to be connected to the CCU over standard fibre networks.



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