SDI optical module 485



Overview

Transmitter with 1 channel of HD-SDI video and RS485 serial data, through fiber optic. It allows a maximum distance of 20 km. Compatible with SMPTE292M, SMPTE259M and DVB-ASI standards (EN50083-9). QuestTel's L-1SDI-FE-TX/RX is a compact factor high performance HD-SDI fiber extender for cctv and live video applications, which supports both singlemode and multimode optical transmission types. This sdi over fiber solution includes transmitter and a receiver, providing transmission of one sdi. QuestTel L-1SDI-NFE-TX/RX is a HD/SD-SDI over singlemode or multimode fiber transmitter and receiver extender kit. This unit provides optical transmission of one HD/SD-SDI signal with embedded audio signal and has reversed RS485 data channel for camera control also loop-out connectors on the. In the high-pressure environment of live sports or remote broadcasting, "Throw-down" converter is the unsung hero of the signal chain. While high-density rack modules have their place in server room, the Single-Channel Fiber Extender is the preferred tool for the "Front Line"—at the camera, on the. 3G-HD SDI RS485 Over Fiber Optic Converters Extender This 3G/HD-SDI over fiber system is used to send one channel 3G/HD-SDI signal through single Fiber optic to remote video display devices, Long working distance, singlemode fiber up to 20Km, multimode fiber up to 500m. Suited for HD surveillance camera system.

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Article Content

1 Channel HD/SD-SDI Over Fiber Extender Kit with

This sdi over fiber solution includes transmitter and a receiver, providing

1 Ch HD-SDI Fiber Extender + RS485 SDI Fiber

This unit provides optical transmission of one HD/SD-SDI signal with embedded

3G-SDI Fiber Deployment (2026): Loop-Out and RS485 – QAREQU

Problem: Running 500 meters of copper for RS485 control results in massive voltage drops and "stuttering" camera movement. Solution: Carrying RS485 Data over the same single-mode

HD-SDI / RS-485 Optical Converter

HD-SDI / RS-485 Optical Converter Multiplex and optically convert HD-SDI and

HD-SDI / RS-485 Optical Converter | Fiber Optic

Product information on CANARE''S HD-SDI / RS-485 Optical Converter Multiplex and optically convert HD-SDI and RS-485 signal to transmit long distance over a

12G or 3G-SDI with Reverse RS485, and 2-Channel Reverse Tally

Professional 12G /3G-SDI over fiber system with loop-out, dual reverse RS485 data, and dual reverse Tally channels. Ideal for broadcast, live production, and remote camera control with up to 20 km

Transmitter 1 channel HD-SDI fiber optic RS485 20Km FC

It consists of two modules that are interconnected by fiber optic. It allows a maximum distance of 20 km. Compatible with SMPTE292M, SMPTE259M and

12G-SDI over Fiber Optical Converter w/ Duplex RS232/422/485

The UF-12GSDI-1V1HD 12G/6G/3G/HD/SD-SDI Fiber Extender with Bi-Directional RS232/422/485 is an ideal and cost-effective solution designed for transmission of multi-rate SDI video, with embedded

4-Channel 3G/HD/SD-SDI over 1 Fiber Optic Extender

4-Channel 3G/HD/SD-SDI video with Loop Out transmission over optic fiber Support 1Ch Backward RS485 and 1Ch Tally Built-in Optical Transceiver Module with

Thor Fiber F-M4SDI-TxRx Transmitter and Receiver Kit

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Rack mount chassis is 19 inches wide, 4U height, has 16 1-channel HD-SDI optical receive cards F-4MSDI- RK and 1 management card. In addition the rack mount chassis has 3 fans and 2 power

1 Channel HD/SD-SDI Over Fiber Extender Kit with

SDI over Fiber - L-1SDI-FE-TX/RX is a compact factor high performance HD-SDI fiber extender with RS485 for cctv and live video applications, which supports

HD SDI to Fiber Installation Kits | SDI over Fiber | SDI to Fiber Optic ...

VERSITRON''s SDI over fiber converters ensures seamless transfer of uncompressed and unencrypted electronic audio and video signals. Our HD-SDI to fiber optic converter kits include transmitters,

A 3 Gbps SDI Connectivity Solution Supporting Uncompressed 1080p60 Video

SDI National Semiconductor off ers a complete portfolio of products supporting the physical layer transmis-sion for SDI applications and associated video clocks (timing). National''s Smart SerDes is a

Camplex 12G-SDI over LC Fiber Converter set with RS

The CMX-12GSDI-CTRL is a 12G-SDI UHD audio and video optical converter that offers seamless transmission of 12G-SDI video and RS485 Data signals through

SDI over fiber -4 channel

4 Ch Mini HD-SDI Over Fiber Optic Extender Extend four HD-SDI or SD-SDI digital video signals long distances over single-mode fiber optic cable The Thor SDI to Fiber F-M4SDI-TxRx kit is a compact

AFI MT-91-1.5G-485-SL Dual Rate SD-SDI/HD-SDI Module Transmitter

Dual Rate SD-SDI or HD-SDI & Return RS485 - Module Tx - SM. The MT-91-1.5G-485-SL from American Fibertek transmits one channel of non-compressed high definition HD-SDI (1.485Gbs) or

12G-SDI/HDMI 4K60 Optical Transceiver Module

SOM WS2111 Optical module of ScienceImage is customized separately for transferring 12G-SDI/HDMI 4K60 video from the 12-25G frequency band, named T1. The fiber optic interface type of T1 is LC,

48G SDI QSFP+ PSM4 Extender

The GIGALIGHT 48G SDI QSFP+ PSM4 video optical extender is used to extend the range of single 8K video signal transmission between SDI source and

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