NEXIS

SDI2FIBER

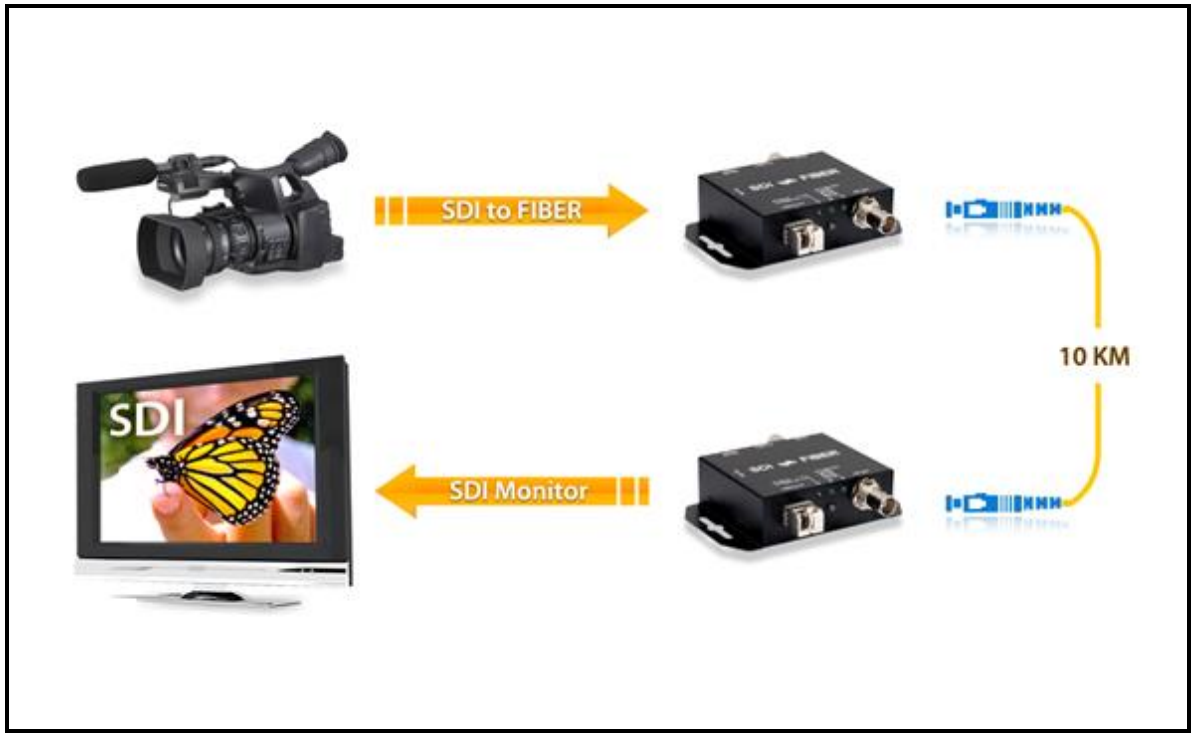
YE-S2F



Ver. 1.2

Feature

- SDI Supports HD formats :
  - 720p50 & 60
  - 1080i50 & 60
  - 1080p24, 25, 30, 50 & 60
- SDI Support 525i & 625i SD D1 format
- Auto 3G/HD/SD-SDI detection
- Cable equalization to ensure signal integrity.
- Auto Reclocking at 270Mbps, 1.485Gbps, 2.97Gbps
- Firmware is upgradable in the field using the integrated USB port
- The converter is Plug-and-Play
- Long transmission capability up to 10Km
- Pluggable fiber SFPdesign, LC connector



DESCRIPTION	
SDI Format	SD-SDI, HD-SDI & 3G-SDI
SDI Transition Rate	2.970Gb/s, 1.485Gb/s and 270Mb/s
Coaxial Cable Type	RG6/RG59(75Ω)
Cable Equalization	3G: 120m of RG6/ 100m of RG59 HD: 200m of RG6/ 140m of RG59 SD: 400m of RG6/ 280m of RG59 *1 RG6: CANARE L-5CFB Cable / RG59: Belden 9275 Cable *2 Cable Length Performance: Depending on SDI Signal and Cable Quality
Firmware Updates	Via Mini-USB
Input	1 x SDI
Output	1 x BNC [SDI] 1 x Fiber
BNC Connector	3G 75 Ω inter-locked socket
LC Connector	--
USB Connector	Mini-USB
Bottom	Input Source
Housing	SECC
Dimension	L:104mm x W:63.3mm xH:26mm
Power Source	Power Adapter: AC 100 ~ 240 V/DC (+6 ~ 15 V)
Operation Temperature	0~50°C [32~114°F]
Storage Temperature	-20~+60°C

Converter Box Series Hardware Specification	
Model	YE-S2F Tx
Product Photo	
Description	Convert 1 channel of 3G/HD-SDI signal into optical fiber. Ideal for long distance video and audio transmission. Paired with SDI2FIBER Rx.
Feature	● Support up to 3G-SDI input ● Auto source format detection (3G/HD/SD) ● Re-clock function for SDI loop-through port ● LED status indicator
Input	SDI x 1
Output	LC type connector for Single-Mode optical fiber cable SDI x 1 (re-clocked loop-through)
SDI Format	3G-SDI HD-SDI SD-SDI
Supported Audio Format	Up to 8 channels, 24bit, 48KHz
Plug & Play	✓
DC In	7.5V ~ 15V

Converter Box Series Hardware Specification	
Model	YE-S2F Rx
Product Photo	
Description	Convert optical signal into 3G/HD-SDI from long distance transmission. Used paired with SDI2FIBER Tx.
Feature	● Support up to 3G-SDI output (should match SDI mode of SDI2FIBER Tx) ● Auto source format detection (3G/HD/SD) ● LED status indicator
Input	LC type connector for Single-Mode optical fiber cable
Output	SDI x 1
SDI Format	3G-SDI HD-SDI SD-SDI
Supported Audio Format	Up to 8 channels, 24bit, 48KHz
Plug & Play	✓
DC In	6V ~ 15V