

USER MANUAL

VCF-HMINIFB01TX/RX



Mini 3G-SDI SFP fiber converter

Our Mini SD/HD/3G-SDI fiber converter is a mini and economical version device. It is a perfect and economic extra long extender to transmit SD/HD/3G-SDI video, embedded audio via fiber-optic cable

Features

- * Support 1channel SD/HD/3G-SDI video embedded audio signal
- * SD/HD/3G-SDI input automatic detection
- * Transmission distance is from 0 to 20KM via fiber cable
- * Support DVB-ASI signal
- * Support plug and play function
- * Operation status indicated by LED

Technical Specifications

Model	VCF-HMINIFB01TXRX
Input interface	Tx : 1 SD/HD/3G-SDI RX: 1 fiber
Output interface	TX: 1 Fiber RX : SD/HD/3G-SDI
Optical Type	Single Fiber, Single Mode
	Wavelength : 1310/1550nm
Max. Distance	0m-20Km
Connector	LC
Transmitted power	-5dbm ~ -10dbm
Maximum Receiving Sensitivity	-28dBm
Signal Type	SD-SDI(270Mbps)/ HD-SDI(1.485Gbps)3G-SDI(2.97Gbps)
Support Input Format	SD: 525i @ 59.94Hz, 625i @ 50Hz HD: 720P @ 25Hz / 29.97Hz / 30Hz 720P @ 50Hz / 59.94Hz / 60Hz 1080i @ 50Hz / 59.94Hz / 60Hz 1080P @23.98Hz/24Hz/25Hz/29Hz/30Hz/50Hz/59.94Hz/60Hz
Video Standard	SMPTE 292M and SMPTE 259M
DATA comm. method	None
Power Supply	DC12V,1A
Power Consumption	3~5 Watts
Operating Temperature	32°F ~ 104°F / 0°C ~ 40°C
Relative Humidity	20~90% RH (Non-condensation)
Dimension	115X25X25MM

Application Diagram

