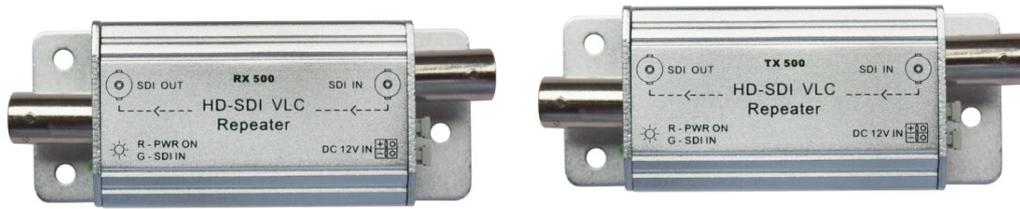


500M Extender SDI-Repeaters (TX-RX)



LM-SD500

User Manual

Brief Introduction

LINK-MI TX500 is to apply for signal transmitting terminal. RX500 is to apply for receiving terminal. LM-SD500 repeaters is a equipment of HD-SDI signal data transmission, which can support transmitting HD-SDI signal data for 500 meters.

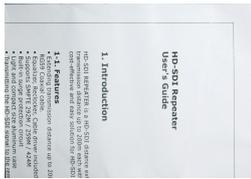
Characteristics

- Support resolution of 1280 x720 (24/25/30/50/60fps) and 1920 x1080 (24/25/30fps)
- Support 20 bit(non-multiplexed) or 10-bit(multi-channel)data width
- Support transmission ratio of 2.97Gbps, 1.485Gbps, 270Mbps
- Embedded surge protection cables
- Light Aluminum Housing, Easy to carry and install

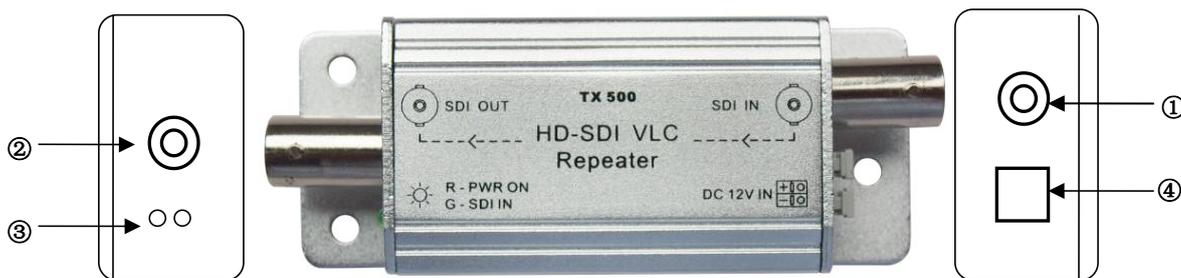
HD-SDI Signal Standard

HD-SDI (SMPTE 259M)	HD-SDI (SMPTE 292M)	3G-SDI (SMPTE 424M)
525i	1280x720P, 24/25/30/50/60HZ	1920x1080P, 50/60HZ
625i	1920x1080i, 50/60HZ	
	1920x1080P, 24/25/30HZ	

Product Content

Description	LM-SD500(TX+RX)	Power Joint	User Manual
Repeater			

Product Components with connect Diagram



- ① TX500 SDI Input: Input 1.5Gbps HD-SDI signal;
RX500 SDI Input: Input 270Mbps SD-SDI signal
- ② TX500 SDI Output: Output 270Mbps SD-SDI signal via encoder
RX500 SDI Output: outputting SDI signal data of 1.5Gbps via decoder
- ③ Power & HD-SDI input with LED instruction(Green, Red)
- ④ DC female connector: connect with power adapter of 12V/-10%

LED Color	LED Status	Conditions
Green	ON	No HD-SDI signal input
Red	ON	Power is connected

Specifications

Model No.		LM-SD500
Input / Output Signal Type		HD-SDI
Power Consumption		DC12V/1W
Power Input		DC12V/0.07A
Max Distance of Each Pair		RG-6(Belden 1694A)-400m(Full SD:270M)
Connect Info	SDI Signal Joint	BNC-F(75Ω)
	Power input joint	DC Female (5.5*2.1)
LED Instruction	Green	OFF:HD-SDI input
	Red	ON:Power input
Operation Temperature / Humidity		-10°C+50°C/0-80%
Housing Material / Gross Weight		Aluminum/61g
Dimension (mm)		87.5(L)x33(W)x22(H)mm

