



### SPECIFICATIONS

Video	BNC x 1 (75 Ω) MALE
Transmission Interface	RJ45 x 1
RJ45 pin define	Pin 7 SDI (+) Pin 8 SDI (-)
Insert loss	<6 dB
Video Bandwidth	270M b/s 1.485G b/s
Transmission Distance	SD CAT5e UTP / 130M CAT6 UTP / 150M HD CAT5e UTP / 30M CAT6 UTP / 45M
Temperature	Operation: 0 to 55o Storage: -20 TO 85o Humidity: up to 95%
Dimensions	25.4 x 25.4 x 140.5(mm) 1" X 1" x 5.5"(inches) (include BNC cable 91(mm) 3.5(inches)
Weight	58(g) 2(ounces)

### WORKING DISTANCE

Cable Max. Distance	CAT5e UTP cable	CAT6 UTP cable
SD resolution (270Mbps)	130M	150M
HD resolution (1.45Gbps)	30M	45M

### RJ45 PIN DEFINE

USING STANDARD EIA/TIA 568B

RJ45 JACK		
PIN	COLOR	FUNCTION
1	W-O	X
2	O	X
3	W-G	X
4	BL	X
5	W-BL	X
6	G	X
7	W-BR	SDI (+)
8	BR	SDI (-)



### KEY BENEFITS

- SENDS HD SDI SIGNAL OVER CAT5E/6 UTP CABLE
- SUPPORT SDI (SMPTE 259M), HD-SDI (SMPTE 292M)
- NO EXTERNAL POWER REQUIRED
- UP TO 98FT VIA CAT5 CABLE AT HD-SDI RESOLUTION
- UP TO 147FT VIA CAT6 CABLE AT HD-SDI RESOLUTION
- STANDARD RJ45 CONNECTION

### RECOMMENDED CABLE

- CAT5E UTP OR CAT6 UTP

### DESCRIPTION

HD-SDI CAT5 Extender is a passive device which use in one pair to send HD-SDI signals up to 45m via a CAT6 cable at HD resolution in a point-to-point configuration. The HD-SDI passive CAT5 extender supports un-compressed transmission of up to 1.485G b/s. It is perfect to send HD CCTV over existing CAT5 cable Applications include HD-CCTV, broadcasting, HD camcorder, studio-to-studio, post production, live events, medical imaging displays, and medical imaging...etc.

### INSTALLATION VIEW



HD-SDI DVR