

Ocean Matrix OMX-3GSDI-CAT5 3GSDI Extender Over IP Via Single UTP Cat5e/6e/7

Catch the Wave!

The Ocean Matrix OMX-3GSDI-CAT5 extends 3GSDI signal transmission beyond the standard distance for Cat5e/6e/Cat7 cable. Consisting of a transmitter and a receiver, this system delivers full 3GSDI signal up to 394 feet over a single UTP Cat5e/6e/Cat7 network cable supporting SD-SDI, HD-SDI and 3G-SDI signal input and resolutions up to 1920x1080@60Hz. IR signal transmission allows for remote control of the source at a secondary location using IR extension cables (included). Supports up to 8 channels of embedded audio.

Designed for remote HD monitoring, projections screens, home theatre, outdoor advertising, remote conferencing, CCTV, high-end security, and IP networks.

INCLUDES

- One transmitter
- One receiver
- Two 5VDC/2A power adapters
- One IR blaster extension cable, connects to transmitter
- One IR receiver extension cable, connects to receiver

FEATURES

- SD-SDI, HD-SDI, 3GSDI Signal Input
- Resolutions up to 1080P@60Hz
- Transmits Over a Single CAT5e/6e/7 up to 394 feet
- IR Pass-back Function
- Supports Cascading to Extend SDI Signal
- Aluminum Alloy Enclosure

SPECIFICATIONS

Input 1-SDI (BNC), 1-Fiber

Output 1-SDI (BNC), 1-Fiber

Transmission Range 1080P signal over Cat6 up to 394 feet/120 meters

Transition Rate 270Mb/s, 1.485Gb/s, 2.97Gb/s

Power Supply 5VDC/2A

- Resolutions**
- SD-SDI 480i@60Hz, 576i@50Hz
 - HD-SDI 720p@50/60Hz, 1080i@50/60Hz, 1080p@24/25/30Hz
 - 3GSDI 1080p@50/60Hz

Dims (in) 5.4 x 4.1 x 0.9 (138 x 105 x 23.8mm) TX & RX

Weight (lb) TX: 6.4 oz (182g), RX 6.3 oz (180g)

Warranty 1 Year



Manuf #/Web Page [OMX-3GSDI-CAT5](#)