

Ocean Matrix OMX-3GSDI-SC 3GSDI Fiber Optic Extender / Converter

Catch the Wave!

The Ocean Matrix OMX-3GSDI-SC extends 3GSDI signal transmission beyond the standard cable distance limitations and transmits 1080p 3GSDI signal over a singlemode SC fiber optic cable up to 12.43 miles (20km). Consisting of a transmitter and a receiver, this system supports SD-SDI, HD-SDI and 3G-SDI signal input. IR signal transmission allows for remote control of the source at a secondary location using IR extension cables (included). Designed for TV broadcast, video editing, and post-production applications.

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

- Singlemode SC Fiber
- Transmits 1080p up to 12.43 miles (20km)
- Immune to electromagnetic interference
- SD-SDI, HD-SDI, 3GSDI Signal Input
- IR Pass-back Function

SPECIFICATIONS

Input	1-SDI (BNC), 1-Fiber
Output	1-SDI (BNC), 1-Fiber
Transmission Range	1080P signal over fiber optic cable up to 12.43 miles (20km)
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)	6.6 x 3.74 x 0.87 in (168 x 95 x 22mm) TX & RX
Weight (lb)	14 oz (400g), RX 14 oz (400g)
Warranty	1 Year



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