

BKM-250TG

3G/HD/SD-SDI Input Adaptor



The BKM-250TG 3G-SDI interface board is compliant with the SMPTE 425 standard and requires only one single SDI cable to transmit up to 10-bit 4:2:2 1080P/

60P video signals. This optional 3G-SDI interface offers a simple cabling solution for groups of video equipment rack-mounted behind an editing room.

Technical Specifications

--Input/Output--	
Serial Digital Interface	BNC x 2 Digital component signals Sampling frequency 3G-SDI: Y/Cb/Cr: 148.5 MHz/74.25 MHz/74.25 MHz G/B/R: 148.5 MHz/148.5 MHz/148.5 MHz HD-SDI: Y/Cb/Cr: 74.25 MHz/37.125 MHz/37.125 MHz SD-SDI: Y/Cb/Cr: 13.5 MHz/6.75 MHz/6.75 MHz
Monitor Out	BNC x 2 Output signal amplitude: 800 mVp-p \pm 10 % Output impedance: 75 ohms unbalanced
Transmission Distance	3G-SDI: 70 m (approx. 230 ft) max. (When using 5C-FB coaxial cables (Fujikura, Inc.) or equivalent.) HD-SDI: 100 m (approx. 328 ft) max. (When using 5C-FB coaxial cables (Fujikura, Inc.) or equivalent.)

	SD-SDI: 200 m (approx. 656 ft) max. (When using 5C-2V coaxial cables (Fujikura, Inc.) or equivalent.)
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--General--	
Voltage	+5 V, +3.3 V (supplied from the main unit)
Power Consumption	Approx. 4 W
Operating Temperature	0°C to 35°C (32°F to 95°F) (Optimum temperature 20°C to 30°C (68°F to 86°F))
Operating Humidity	0% to 90% (no condensation)
Operating Pressure	700 hPa to 1060 hPa
Storage and Trans. Temperature	-20°C to +60°C (14°F to 104°F)
Storage and Trans. Humidity	0% to 90%
Storage and Trans. Pressure	700 hPa to 1060 hPa
Dimensions (W x H x D)	100 x 20 x 162 mm (4 x 13/16 x 6 1/2 inches)
Mass	Approx. 270g (9.5 oz)

Compatible Products

BVM & PVM Monitors



BVM-L231

23-inch Full-HD Reference LCD Monitor



PVM-L2300

23-inch Broadcast LCD Monitor



PVM-L1700

17-inch Broadcast LCD Monitor



PVM-L3200

32-inch Broadcast LCD Monitor

LMD Production Monitors



LMD-1751W

17-inch High Grade Multi Format LCD Professional Video Monitor



LMD-2451W

24-inch High Grade Multi Format LCD Monitor