

## BKM-243HS

HDSDI/4:2:2 SDI Input Adaptor



### Overview

#### **HDSDI/4:2:2 SDI Input Adaptor**

HD SDI & SDI Input Adaptor providing video input and output connectors for the main unit and a decoder for HD/D1 serial digital component signals. Features Decoder for serial digital component signals. Serial digital input and output signal connector.

### Specifications

#### Input

#### SDI Input

BNC (x2)  
Input impedance: 75 ohms  
unbalanced  
Sampling frequency  
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  
Quantization

HD-SDI: 10 bits/sample  
SD-SDI: 10 bits/sample

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## Output

SDI Output

BNC (x1) (monitor output) \*1  
Output signal amplitude: 800 mVp-p  $\pm 10\%$   
Output impedance: 75 ohms unbalanced  
Transmission distance  
HD-SDI: 100 m (approx.328 ft) max. \*2  
SD-SDI: 200 m (approx.656 ft) max. \*3

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## General

Voltage

+3.3 V, +5 V DC (supplied from the main unit)

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Power Consumption

Approx. 2.0 W

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Operating Temperature

0°C to 35°C  
(Recommended: 20°C to 30°C)  
32°F to 95°F  
(Recommended: 68°F to 86°F)

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Operating Humidity	0% to 90% (no condensation)
Storage/Transport Temperature	-20°C to +60°C -4°F to +140°F
Storage/Transport Humidity	0% to 90%
Operating/Storage/Transport Pressure	700 hPa to 1060 hPa
Dimensions (W x H x D) *4	100 x 20 x 162 mm 4 x 13/16 x 6 1/2 inches
Mass	Approx. 250 g Approx. 8.8 oz
Supplied Accessories	Operating Instructions (1)

## Notes

- Note
- \*[1] The signal from the monitor output
  - \*[2] When using 5C-FB coaxial cables (Fujikura or equivalent).
  - \*[3] When using 5C-2V coaxial cables (Fujikura or equivalent).
  - \*[4] The values for dimensions are approximate.

## Gallery



