

BKM-341HS

HD / SD-SDI input adaptor



Overview

Increases functionality of LMD monitors

The Sony BKM-341HS is an HD/SD-SDI input adaptor board for the LMD entry-level production and medical monitors.

Features

HD / SD-SDI input

The unit has a BNC input connector supporting SD-SDI 270 Mbps 10 bit 4:2:2 component digital video and HD-SDI 1.48 Gbps 10 bit 4:2:2 component digital video.

Low power consumption

BKM-341HS has a low power consumption of approx. 1.8 W allowing it to be powered from the monitor.

Convenient installation and footprint

The BKM-341HS can be fixed to the monitor, its short depth making it convenient for all installations and configurations.

Specifications

Input

BNC (x1)

Input impedance: 75 ohms

| | |
|-----------|---|
| | unbalanced |
| | Sampling frequency |
| | HD-SDI: |
| SDI Input | 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 |

Output

| | |
|---------------|------------------|
| Option Output | D-sub 9 pin (x1) |
|---------------|------------------|

General

| | |
|-----------------------|---|
| Voltage | +5 V DC (supplied from the main unit) |
| Power Consumption | Approx. 1.8 W |
| Operating Temperature | 32°F to 95°F (Recommended: 68°F to 86°F) 0°C to 35°C (Recommended: 20°C to 30°C) |

| | |
|--------------------------------------|---|
| Operating Humidity | 0% to 90% (no condensation) |
| Storage/Transport Temperature | -4°F to +140°F -20°C to +60°C |
| Storage/Transport Humidity | 0% to 90% |
| Operating/Storage/Transport Pressure | 700 hPa to 1060 hPa |
| Dimensions (W x H x D) *[1] | 47 x 75 x 36 mm 1 7/8 x 3 x 1 1/2 inches |
| Mass | Approx. 4.2 oz Approx. 120 g |
| Supplied Accessories | Operating Instructions (1) |

Notes

Note

*[1] The values for dimensions are approximate.
[*1] The DisplayPort input is available from V1.1.

Related products



**LMD-
1530W**

15-inch entry-level
LCD monitor

**LMD-
1510W**

15.6-inch entry-level
LCD monitor

**LMD-
2110W**

21.5-inch entry-level
LCD monitor

**LMD-
2110MD**

21.5-inch Full HD 2D
LCD medical monitor

Gallery

