

LMD-941W

Full-HD 9-inch LCD monitor with 2x 3G/HD/SD-SDI inputs and smart functions.



Overview

Portable Full HD resolution monitor with 2x 3G/HD/SD-SDI inputs

The LMD-941W is a 9-inch*, Full HD resolution (1920 x 1080 pixels) high performance LCD monitor incorporating 10-bit signal processing and Sony's unique ChromaTRU™ technology to deliver superb picture performance and consistency. It also offers a convenient compact size with the mobility and smart functions required for both indoor and outdoor use. The LMD-941W is ideal for a wide range of professional monitoring applications, including use in an editing studio, for outside broadcast, acquisition, field production, and much more.

*227-mm viewable area, measured diagonally.

Features

Full HD 1920x1080 pixels IPS LCD panel with LED backlight

The full HD resolution LCD panel delivers crisper images and allows users easier picture evaluation.

Two 3G/HD/SD-SDI inputs

The LMD-941W is equipped with standard interfaces including 3G/HD/SD-SDI (x2) inputs, HDMI (x1) interface and composite input (x1).

Camera focus function

The camera focus function works in various colours to ease camera focus alignment.

Intra-Field I/P mode

Full HD images via SDI input can be reproduced naturally with process latency of less than one field.

Mobility and flexibility

The various range of accessory items further increases user flexibility and convenience. The retractable handle allows users to carry this monitor anytime, anywhere, and the supplied arm-mount bracket makes it easy to mount this monitor into a camera system.

Wave form monitor and vector scope

The combination of the vector scope and wave form monitor functions allows simple measurement without additional measurement equipment.

Colour temperature

Colour temperatures of D93, D65, or a USER preset value can be selected.

Auto white adjustment

The LMD-941W monitor employs a software-based colour temperature (white balance) calibration function, which is called "Monitor_AutoWhiteAdjustment". Combined with a PC and commercially available calibration tools*, this function enables simple adjustment of the monitor's white balance.

* The Konica Minolta CA-210/CA-310/CS-200, DK-Technologies PM5639/06, X-Rite i1 Pro/i1 Pro2, Photo Research PR-655/670, Klein K-10, and JETI Specbos 1211.

Robust, light-weight, and compact body

Incorporating a light-weight and compact aluminium diecast

body with a detachable AR-coated protection panel, this model is flexible enough to change style according to user requirements: with or without stand (which is easily detachable), tilted on a stand (15-degree slant), rack-mounted, or set on a camera pedestal.

Mounting flexibility

Using the optional MB-531 mounting bracket with a 10-degree-forward and 10-degree-backward nonstop-tilt capability, two units can be installed side by side in a 19-inch EIA standard rack.

Optional ENG kit VF-510

For use in ENG and EFP field, the optional VF-510 ENG Kit provides a viewing hood, carrying handle, and connector protector.

AC/DC operations

The LMD-941W can be operated with two-way power supplies: DC 12 V and AC via the attached dedicated AC adaptor.

Specifications

Picture Performance

| | |
|--------------------------------|--|
| Panel | a-Si TFT Active Matrix LCD |
| Picture size (diagonal) | 227.0 mm 9 inches |
| Effective picture size (H x V) | 198.7 x 111.8 mm 7 7/8 x 4 1/2 inches |
| Resolution (H x V) | 1920 x 1080 pixels (Full HD) |
| Aspect | 16:9 |

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|---------|------------------------------|
| Colours | Approx. 16.7 million colours |
|---------|------------------------------|

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|---------------|---|
| Viewing angle | 89°/89°/89°/89° (typical) (up/down/left/right contrast > 10:1) |
|---------------|---|

Input

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|-----------|--|
| Composite | BNC (x1) 1.0 Vp-p ±3 dB sync negative |
|-----------|--|

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|-----|----------|
| SDI | BNC (x2) |
|-----|----------|

| | |
|------|---------------------------------|
| HDMI | HDMI (x1) (HDCP correspondence) |
|------|---------------------------------|

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|-------|--|
| Audio | Stereo mini jack (x1) -5 dBu 47 kilohms or higher |
|-------|--|

| | |
|-----------------|---|
| Parallel remote | Modular connector 8-pin (x1) (pin-assignable) |
|-----------------|---|

| | |
|---------------|---|
| Serial remote | RJ-45 modular connector (Ethernet) (x1) (10BASE-T/100BASE-TX) |
|---------------|---|

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|-------|--|
| DC in | XLR-type 4-pin (male) (x1) DC 12 V (output impedance 0.05 ohms or less) |
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Output

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|--------------------|-----------------------|
| Composite | BNC (x1) |
| SDI | BNC (x1) |
| Audio monitor out | Stereo mini jack (x1) |
| Speaker (built-in) | 0.5 W (mono) |
| Headphones output | Stereo mini jack (x1) |

General

| | |
|---|---|
| Power requirements | AC 100 V to 240 V 50/60 Hz DC 12 V |
| Dimensions (W x H x D) (with stand) | 222.4 x 183.5 x 161.8 mm 8 7/8 x 7 1/4 x 6 3/8 inches (when AC adaptor is attached) |
| Dimensions (W x H x D) (without stand) | 222.4 x 166.0 x 70.0 mm 8 7/8 x 6 5/8 x 2 7/8 inches (when AC adaptor is detached) |
| Mass (with AC adaptor) | 2.6 kg (5 lb 12 oz) |
| Mass (without AC adaptor) | 2.0 kg (4 lb 6 oz) |
| | AC power cord (1) |

Supplied accessories

- AC plug holder (1)
- AC adaptor (1)
- Handle (1)
- Arm mount bracket (1)
- Screws (4)
- Operating Instructions (1)
- CD-ROM (1)
- Using the CD-ROM manual (1)

Related products



PDW-850

Three 2/3-inch Power HAD FX CCD sensors XDCAM HD422 ultimate Professional Disc camcorder with best picture quality and easy-to-share and archive media



PMW-400L

Three 2/3-inch type Exmor CMOS sensors without lens XDCAM camcorder recording XAVC HD 100 Mbps and MPEG HD 4:2:2 at 50 Mbps



PMW-400K

Three 2/3-inch type Exmor CMOS sensors with 16x zoom HD lens XDCAM camcorder recording XAVC HD 100 Mbps and MPEG HD 4:2:2 at 50 Mbps



PMW-320L

Three 1/2-inch type Exmor CMOS sensors XDCAM EX camcorder without lens recording full HD / SD



PMW-320K

Three 1/2-inch type Exmor CMOS sensors XDCAM EX camcorder with 16x zoom HD lens recording full HD / SD



PXW-X500

Three 2/3-inch type PowerHAD FX Full HD CCD sensors XDCAM camcorder with multi-format recordings including XAVC



PXW-X320

Three 1/2-inch type Exmor CMOS sensors XDCAM camcorder recording Full HD XAVC 100 Mbps, with wireless and 16x zoom HD lens options. (PXW-X320L lens-less model also available)



PVM-741

7.4-inch TRIMASTER EL OLED monitor with 2x 3G/HD/SD-SDI inputs and smart functions.

Gallery

