

## 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

Colours	Approx. 16.7 million colours
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Viewing angle	89°/89°/89°/89° (typical) (up/down/left/right contrast > 10:1)
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## Input

Composite	BNC (x1) 1.0 Vp-p ±3 dB sync negative
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SDI	BNC (x2)
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HDMI	HDMI (x1) (HDCP correspondence)
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Audio	Stereo mini jack (x1) -5 dBu 47 kilohms or higher
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Parallel remote	Modular connector 8-pin (x1) (pin-assignable)
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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

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 PowerHAD 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-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

