

PVM-X2400

24-inch 4K HDR TRIMASTER high grade picture monitor



Specifications

Picture Performance

Panel

α-Si TFT Active Matrix LCD

Picture Size (Diagonal)

609.6 mm (24 inches)

Effective Picture Size (H x V)

531.6 x 299.1 mm (21 x 11 7/8 inches)

Resolution (H x V)

3840 x 2160 pixels (Full HD)

Aspect

16:9

Display colours

Approx. 1.07 billion colours

Panel frame rate

48 Hz / 50 Hz / 60 Hz (48 Hz and 60 Hz are also compatible with 1/1.001 frame rates)

Viewing angle (panel specification)

89°/89°/89°/89° (up/down/left/right contrast > 10:1)

Colour temperature

D60, D65, D93, DCI*1, and user 1-10 (5,000 K to 10,000 K adjustable)

Luminance (panel specification) (typical)

1000 cd/m²

Colour space (Colour gamut)

ITU-R BT.2020*2, ITU-R BT.709, DCI-P3, S-GAMUT3*2, S-GAMUT3.Cine*2

Transmission Matrix

ITU-R BT.2020 (Non-constant luminance is supported), ITU-R BT.709

EOTF

2.2, 2.4, 2.6, 2.4 (HDR), S-Log3, S-Log3 (Live HDR), SMPTE ST 2084, ITU-BT.2100(HLG)

Input

SDI

(12G/6G/3G/HD-SDI) BNC (x2), (3G/HD-SDI) BNC (x2), Input impedance: 75 Ω unbalanced

HDMI Input

HDMI (HDCP2.3/1.4) (x1)

Parallel Remote

RJ-45 8-pin (x1) (Fixed pin assignment)

Serial Remote (LAN)

Ethernet, 10BASE-T/100BASE-TX RJ-45 (x1)

DC Input

XLR-type 3-pin (male) (x1), DC 22 V to 32 V (output impedance 0.05 Ω or less)

Output

SDI Output

(12G/6G/3G/HD-SDI) BNC (x2), (3G/HD-SDI) BNC (x2), Output impedance: 75 Ω unbalanced

Audio Monitor Output

Stereo mini jack (x1)

Speaker (Built-in) Output

2.0 W+2.0W (Stereo)

Headphone Output

Stereo mini jack (x1)

General

Power Requirements

AC 100 V to 240 V, 50/60 Hz

DC 22 V to 32 V

Operating Temperature

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

Operating Humidity

30% to 85% (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)

568 x 382 x 158.5 mm*3 (22 3/8 x 15 1/8 x 6 1/4 inches) (without monitor stand)

568 x 403.5 x 178.5 mm*3 (22 3/8 x 16 x 7 1/8 inches) (with monitor stand)

Mass

Approx. 10.5 kg (23 lb 2 oz)

Supplied Accessories

AC power cord (1), AC plug holder (1), CD-ROM (1), Before Using This Unit (1)

Optional Accessories

PVMK-RX24 Rack-mounting bracket

PVMK-PX24 Protection Panel

BKM-17R

Notes

*1 DCI: x=0.314, y=0.351

*2 The PVM-X2400 does not cover selected colour space in full.

*3 Without projection parts.
