

# TAMUZ

LCD VIDEO MONITORS

# LCM 123 B

## LCD Monitor for UXGA, CCVS or SDI

1600  
1200

4:3

SYNC  
MULTI  
FORMAT

BROAD  
CAST  
INTERFACE

NATIVE  
DIGITAL  
SERIAL

SDI  
INPUT

CCVS  
INPUT

RGB  
INPUT

VESA  
MOUNTING

ISO  
13406-2

24 MONTH  
WARRANTY

MADE-IN-GERMANY



### The premium choice for a multi-purpose and multi-format Video and Graphic Monitor in a compact Design.

- high-resolution (87 dpi) 23,1" active TFT LCD color displays
- MultiSync and MultiFormat Broadcast Quality video interface, aspect ratio scalable
- multiple inputs, 2x Composite, 1x YC, 1x SDI looped, 2x RGBHV (UXGA native)
- internal ITU-R601 video signal processing, native serial 270 Mbit/s SDI input as option
- OSD controls for brightness, contrast, color, formats and input selection
- rugged full metal frame with glass protection filters and stand, VESA75 threads
- powered by external 12 V DC source

Screen Type: . . . . . active matrix color TFT  
 Screen Size: . . . . . 23,1", 4:3 aspect ratio  
 Screen Resolution: . . . . . 1600 x 1200 pixel RGB native  
 Color Resolution: . . . . . 16 million colors  
 Luminance: . . . . . 350 cd/m2  
 Contrast: . . . . . 250:1  
 Response Time: . . . . . <20 ms, typical  
 Viewing Angle: . . . . . ±80° horizontal, ±80° vertical  
 Screen Classification: . . . . . A Grade, ISO 13406-2, Cl. 2

Power Requirements: . . . . . DC 12 V ±10%  
 Power Connector: . . . . . XLR-4F  
 Power Consumption: . . . . . 65 W (123VB), 71 W (123DB)

Dimensions: . . . . . 576 (W) x 496 (H) x 100 (D) mm  
 Weight: . . . . . 18,4 kg  
 Frame Color: . . . . . RAL 7016

Interface Type: . . . . . Broadcast MultiSync MultiFormat  
 Operation: . . . . . OSD Menu  
 Sync Mode: . . . . . HV, RGsB, RGBS, composite  
 V-Sync: . . . . . Vmin = 23 Hz, Vmax = 110 Hz  
 H-Sync: . . . . . Hmin = 15 kHz, Hmax = 85 kHz  
 Graphic Mode: . . . . . VGA, SVGA, XGA, SXGA, UXGA  
 RGBHV Input: . . . . . SXGA analog  
 RGBHV Connector: . . . . . Sub-HD 15pin  
 Video Input: . . . . . 1 Vpp composite, 5 MHz ±0,2 dB  
 Video Connector: . . . . . BNC 75 Ohm type  
 Video Impedance: . . . . . 75 Ohm, terminated  
 SDI Input: . . . . . 800 mVpp, 270 Mbit/s, 4:2:2 10 bit  
 SDI Connector: . . . . . BNC 75 Ohm type  
 SDI Impedance: . . . . . 75 Ohm, active loop trough

Tally Function: . . . . . LED, closed contact  
 Tally Connector: . . . . . Sub-D 9pin  
 Remote: . . . . . IR or RS 232 optional

Order Code:

- **LCM 123 DB**, 2x CCVS, 1x YC, 1x SDI with reclocked loop, 2x VGA inputs, Tally
- **LCM 123 VB**, 2x CCVS, 1x YC, 2x VGA inputs, Tally
- **LCM 123 B**, 2x VGA inputs
- Options: RGB/YUV input, RS232 remote, IR remote, customized colors, TouchScreen

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