

TAMUZ
MONITORS

LVM 404

Quadruple Video Monitor

LED
BACKLIGHT



MultiScreen
PreView series

3G SDI
EQUIPPED

Best equipped MultiScreen Video Monitor with four 4" LCD panels at the market!

- High-resolution (71 dpi) 4" active TFT LCD color display
- high brightness (>300 cd/m²) and contrast
- 4:3 aspect ratio screen
- Multi format high-quality video interface, 576@50 & 480@60 auto/detection
- three video inputs for each display, analog and/or digital SDI
- 10 bit processing for serial 3G/HD/SD-SDI inputs
- down-converted analog output of selected input signal
- professional and reliable input connectors
- direct controls for brightness, contrast, color and input selection
- Tally light at front, GPI&O port
- rugged and compact lightweight full metal housing design
- 12 V DC powered by external battery systems or power supply



**SpaceSaving Monitoring Solutions for
Broadcast, Industrial, Medical, Office, Entertainment,
Surveillance, Military or Aviation applications!**

MultiFormat and SpaceSaving 19"-Rack Video Monitor

TAMUZ MultiScreen PreView monitors are fully loaded with state-of-the-art LCD technology and broadcast features, like ON-AIR Tally, GPI/O port, multiple inputs for analog and/or digital video each with loop, down-converted analog output, etc.

Technical Specifications:

Screen Type: active matrix color TFT
 Screen Size: 4"
 Screen Format: 4:3 native aspect ratio
 Pixel Resolution: 160 x 234 RGB dots = 1440 x 234 px
 Screen Resolution: 71 dpi
 Color Resolution: 16 million colors
 Color Temperature: 6500°K nominal
 Color Temp. Range: fix, not adjustable
 Brightness: > 300 cd/m²
 Contrast: >400:1 for static B/W/B
 Response Time: 25 ms, typical
 Viewing Angle H: ±60° horizontal
 Viewing Angle V: ±40° vertical
 Backlight: multiple LEDs
 Backlight Lifetime: >40.000 h's
 Screen Classification: A Grade
 Screen Certification: ISO 13406-2, Cl. 2

Tally Light: LED in front
 Tally Function: closed contact at GPI/O port
 Tally Connector: Sub-D 9pin

Adapted Power Supply: Switching Power Supply
 Power Consumption: 36 W (@ LVM 404W HD)
 Mains Voltage: AC 100-240 V ±10%, 50-60 Hz
 Mains Connector: IEC-320 3pin
 Power Safety: ground on frame

Housing: full lightweight metal
 Frame Color: coated RAL 7016
 Dimensions: 438 (W) x 132 (H) x 90 (D) mm
 Weight: 3,9 kg
 Frame Mounting: 19" brackets, ±21° adjustable

Environment: 0 to +45°C, operation
 Storage: -30 to +60°C, 5 to 90% humidity
 Certification: CE, EN 50082-2, EN 55022

Accessories: 19" brackets, terminators, power supply, manual

Interface Type: TAMUZ HIGH QUALITY
 Interface Characteristic: HD-/SDTV MultiFormat
 Video Processing: HiRes digital adaptive Comb Filter
 Processing Times: min. 1 field@I-mode, 1 frame@ P-mode
 Serial Digital Processing: native SMPTE 292M or 352M
 Aspect Ratio: 16:9, full image as standard
 Operation: OSD Menu
 Remote Operation: GPI/O
 3G/HD/SD-SDI Inputs: 10 bit, 0.27 / 1.5 / 3 Gbit/s
 800 mVpp, SingleLink, 4:2:2
 SD/HD Formats: SMPTE 259M / 274M / 292M / 296M / 424M
 1080i @ 30 / 29.97 / 25
 1080p @ 60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98
 720p @ 60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98
 576i @ 25
 480i @ 30
 SD/HD-SDI Loop: active buffered
 SD/HD-SDI Impedance: 75 Ohm terminated
 SD/HD-SDI Connector: BNC 75 Ohms type

Composite Video Input: 1 Vpp, 5 MHz ±0.2 dB
 Video Sync: composite
 Video S/N: >65 dB
 Video Standards: 625/50, 525/60, auto detection
 Composite Video Loop: active buffered
 Impedance: 75 Ohm
 Video Connector: BNC 75 Ohms type

Composite Video Output: 1 Vpp, 5 MHz ±0.2 dB
 Video Standards: 625/50, 525/60, down-converted
 Video Connector: BNC 75 Ohms type



LVM 404 HD: 3 Screens each with; 1x 3G/HD/SD-SDI each with loop, 2x CCVS with loop, 1x down-converted CCVS out
 LVM 404 D: 3 Screens each with; 2x SD-SDI each with loop, 1x CCVS with loop, 1x down-converted CCVS out
 LVM 404 V: 3 Screens each with; 3x CCVS with loop, 1x CCVS out
 LVM 404 LE: 3 Screens each with; 1x CCVS

Handmade In Germany
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