

TAMUZ
BROADCAST

QV4HD

Compact MultiViewer Unit



MultiFormat HD/SD MultiViewer with four universal analog and digital Inputs

- Hi-End MultiViewer solution for FullHD Monitors
- Four auto-detect SD/HD-SDI or analog inputs
- Native HD processing for displaying a single signal full screen
- 10 bit resolution for digital inputs
- Lowest processing delay 1 frame
- Embedded Audio Metering, 8 channels per input
- Free layout configuration of video, borders, level meters and more, storable and recallable as four individual setup's
- Dynamic and static UMD support, NTP timecode and Clocks
- On screen alarms for audio and video, fault detection and notification via SNMP
- MultiColor Tally for each input
- TCP/IP, USB and RS422 remote, WINDOWS software for layout setup and streaming
- Low-Power and Fan-less design



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

Compact MultiViewer Unit

The **QV4HD** multiviewers are designed as an universal digital signal processor, ideal for displaying up to four outputs of Cameras, Switchers or other broadcast equipment on standard DVI input monitors. Integrated audio level meters, UMD and Clock functionality. The unit has a 1 RU rack mountable housing, equipped with analog composite and SD/HD-SDI capable inputs.

Its coming with a free Windows software to create individual multi viewer layouts or to stream the image via TCP/IP back to any PC as an additional afford.

Technical Specifications:

Timecode/ UMD: IMD (In-monitor-Display)
Tally Light: IMD (In-monitor-Display)
Tally Function: closed contact at GPI/O port
Tally Connector: Sub-D 25pin

Remote Port: RS232/RS485
Remote Connector: Sub-D 9pin

External Power Supply: Switching Power Supply
External Voltage: AC 100-240 V ±10%, 50-60 Hz
Power Consumption: max. 60 W
Power Safety: ground on frame
Mains Connector: IEC-320 3pin

Housing: full lightweight metal
Frame Color: coated RAL 7016

Dimensions: 400 (W) x 44 (H) x 360 (D) mm
Weight: 3,5 kg

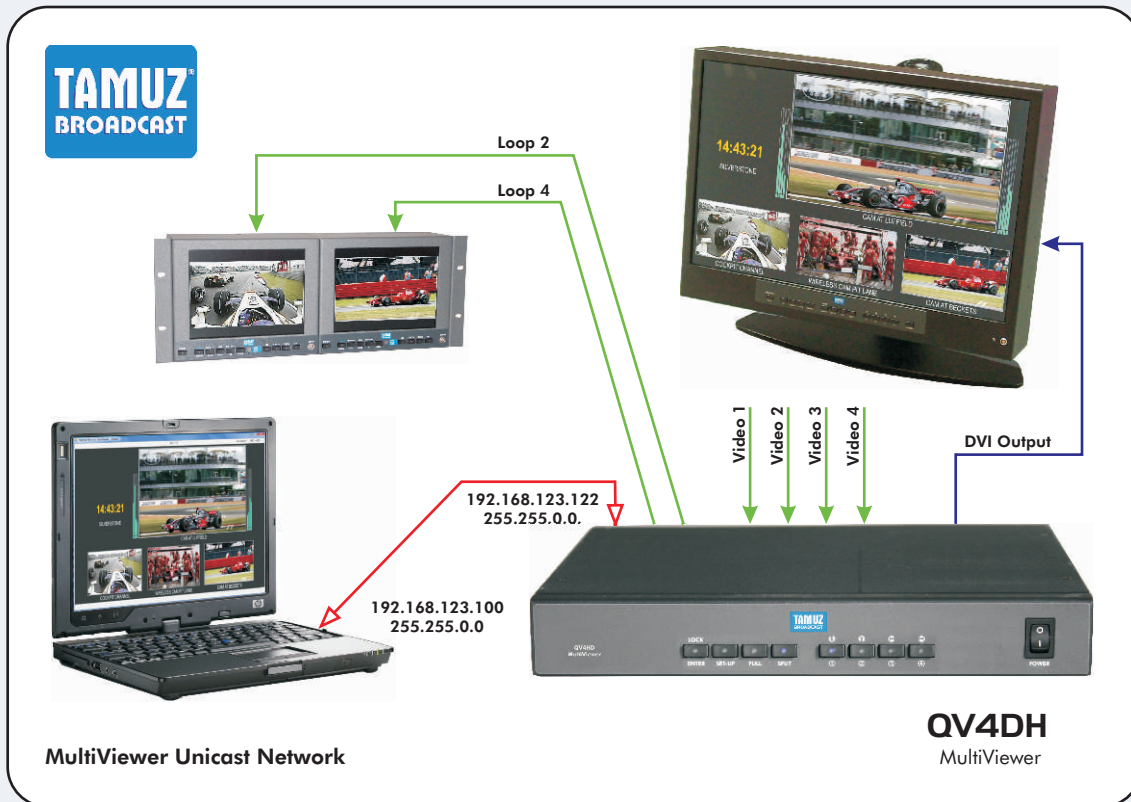
Environment: 0 to +50°C, operation
Storage: -30 to +60°C, 5 to 95% humidity
Certification: CE, EN 50082-2, EN 55022
Accessories: Windows software for layout and LiveView, 19" 1 RU rack mount kit

Interface Characteristic: HDTV MultiFormat
Image Processing: scanning free scalable to any ratio
Video Processing: HiRes digital adaptive Comb Filter
Processing Times: min. 1 frame
IMD Function: UMD, Timecode, Tally
Operation: OSD Menu for setup, direct keys
Remote Operation: TCP/IP, Windows software

SD/HD-SDI Inputs: 4x 10 bit, 1.5 Gbit/s, 800 mVpp, SingleLink, 4:2:2
SD/HD Formats: 1080i @ 30 / 29.97 / 25
720p @ 60 / 59.97 / 50
576i @ 25, 480i @ 30
SD/HD-SDI Impedance: 75 Ohm, active loop through
SD/HD-SDI Connector: BNC 75 Ohms type

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

LTC Input: EBU/SMPTE at BNC 75 Ohm
DVI Output: DVI-D 24pin



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