

# JVC®

## The Perfect Experience

# 24" Native HD Multi-Format Studio Monitor DT-V24L3D



**Achieving HD images, faithful to original signals, with less than one frame of latency**

### Features

- 1920x1200 pixels
- Circuits that deliver low latency of less than one frame
- Waveform monitoring with over level function
- Gold-plated HD/SD SDI terminals with embedded audio
- DVI-D with HDCP terminal
- High-performance LCD panel
- Exclusive JVC image processing technology
- Status display in unused section of 16:10 panel
- Wide selection of video production functions
- Easy-to-operate front panel controls
- Rugged, adjustable stand provided
- Source ID input by ASCII code
- Information position selectable
- Full screen mode for SD 4:3 signal

### Status Display



### Input Format

VIDEO	Input terminals				COMPUTER	Input terminals
	Video	Component/RGB	HD/SD SDI	DVI-D with HDCP (video)		
NTSC	✓	—	—	—	VGA60	✓
PAL	✓	—	—	—	W-VGA60	✓
BW(50Hz/60Hz)	✓	—	—	—	SVGA60	✓
480/60i	—	✓	✓	—	XGA60	—
576/50i	—	✓	✓	—	W-XGA60 (1280 x 768)	—
480/60p	—	✓	✓	—	W-XGA+60 (1440 x 900)	—
576/50p	—	✓	✓	—	SXGA60 (1280 x 1024)	—
640 x 480/60p	—	✓	✓	—	1920 x 1080@60/50	—
720/24p, 25p, 30p	—	✓	✓	—	1280 x 720@60/50	—
720/50p, 60p	—	✓	✓	—	W-SXGA+60 (1680 x 1050)	—
1080/50i, 60i	—	✓	✓	—	U-XGA60 (1600 x 1200)	—
1080/50p, 60p	—	✓	✓	—	W-LXGA60 (1920 x 1200)	—
1035/60i	—	✓ <sup>1)</sup>	✓	—	—	—
1080/24p, 25p, 30p	—	✓	✓	—	—	—
1080/24psf, 30psf <sup>1)</sup>	—	✓	✓	—	—	—

<sup>1)</sup> It is displayed by 1080/60i.

### Front Panel



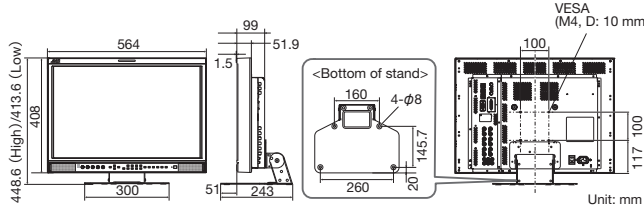
### Specifications

		DT-V24L3D
Model Type		Multi-format HDTV/SDTV LCD monitor
Screen Size		Type 24 wide format
Aspect Ratio		16:10
LCD Panel		24" wide, active matrix TFT
Effective Screen Size (W x H)		51.84 x 32.4 cm
Pixels		1920 x 1200 (W-UXGA)
Display Colours		16.7 million
Viewing Angle	Horizontal	176°
	Vertical	176°
Brightness		400 cd/m <sup>2</sup>
Contrast Ratio		1000:1
Horizontal/Vertical	Horizontal	31.469 kHz to 75.000 kHz
	Vertical	60 Hz ± 5 Hz
Frequency (PC signals)		Depending on the signal within the range of these frequencies, some signals may not be displayable, in which case, "Out of range" is shown.
Applicable Standard		HD SDI: BTA S-004B, SMPTE292M SD SDI: ITU-R BT.656: 525/625, SMPTE259M: 525 EMBEDDED AUDIO: SMPTE293M, SMPTE272M
Audio Output		Internal: 1.0 W + 1.0 W (L/R)
Environmental Conditions	Operating temperature	5°C to 35°C
	Operating humidity	20% to 80% (non condensing)
Power Requirements		AC 120/220-240 V, 50/60 Hz
Rated Current	1.15 A (AC 120V)	
	0.67 A (AC 220-240 V)	
Dimensions (WxHxD) excluding protrusions)	With desktop stand	564 x 448.6 x 243 mm
	Without stand	564 x 408 x 99 mm
Weight	Excluding stand	8.7 kg
	Including stand	11.6 kg
Provided Accessories		AC power cord, power cord holder, screw x 2 (for power cord holder) Protective screen
Option		

### Input/Output Terminals

Video	VIDEO 1	Composite video signal input/output: 1 line, BNC x 2, 1 V (p-p), 75 ohms (IN and OUT are connected with a bridge connection) (auto termination)
	VIDEO 2	(IN and OUT are connected with a bridge connection) (auto termination)
	DVI-D (HDCP)	DVI-D signal input (compatible with HDCP): DVI-D connector x 1 (compatible with DDC2B)
	COMPO./RGB (G/Y, B/Pb/B-Y, R/Pr/R-Y)	Analogue component signal/ analogue RGB signal input/output: 1 line, BNC x 6 Video signal: G/Y: 1 V (p-p), 75 ohms (sync signal included), B/Pb/B-Y, R/Pr/R-Y: 0.7 V (p-p), 75 ohms (IN and OUT are connected with a bridge connection) (auto termination)
	EXT. SYNC (CS)	Composite sync signal input/output: 1 line, BNC x 2, 0.3 V (p-p) to 4 V (p-p), 75 ohms (bipolar tri-signal, negative pole binary signals, BB) (video signals excluded) (IN and OUT are connected with a bridge connection) (auto termination)
	HD/SD SDI (IN 1)	Digital signal input (compatible with EMBEDDED AUDIO):
	HD/SD SDI (IN 2)	Auto detection, 1 line, BNC x 1
	HD/SD SDI (OUT)	Digital signal output (compatible with EMBEDDED AUDIO) 1 line (switched out), BNC x 1
Audio	AUDIO ASSIGN (IN 1)	Analogue audio signal input:
	AUDIO ASSIGN (IN 2)	1 line, RCA x 2, 500 mV (rms), high impedance
	AUDIO ASSIGN (MONITOR OUT)	Analogue audio signal output: 1 line, RCA x 2, 500 mV (rms)
External Control	MAKE/TRIGGER	RJ-45 x 1 (8-pin)
	RS-485	RJ-45 x 2 (IN/OUT) (8-pin)
	RS-232C	D-sub (9-pin) x 1

### Dimensions



Option ■ TS-W24F1 (Protective screen)

INPUT TERMINALS	HD/SD-SDI Gold-plated
	DVI-D
	Audio In/Out
CONTROLS	Speaker Stereo
	RS-232C
	RS-485 In/Out
FUNCTIONS	Make/trigger
	Area marker
	Safety marker
	Tally lamp
	Time code
	CRC error
	Audio level meter
	Source ID display
	1:1 mode
	I/P mode
Waveform monitoring	
INSTALLATION	Stand (Tilt & height adjustable)
	VESA
OPERATION	Power AC

### Rear Panel

