# JVC

**The Perfect Experience**

# DT-V17L3D
## 17" HD Multi-Format AC/DC LCD Monitor

The DT-V17L3DU is a compact flat panel monitor designed for studio, mobile and field applications. Upgraded from the DT-V17L2DU, the DT-V17L3DU offers superior 4:4:4 10-bit processing, improved deinterlacing, ultra low latency, and an on-screen waveform monitor. The DT-V17L3D features a high-resolution anti-diffusion LCD panel with built-in HD-SDI and DVI-D interfaces that provide lossless connection to broadcast and studio sources. It's the best choice for a compact field or studio monitor in television studios, remote production vans, production and post facilities, and other demanding professional applications.

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

**Features**
- 1440x900 pixels
- AC/DC operation
- 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
- Wide selection of video production functions
- Easy-to-operate front panel controls
- Rugged, adjustable stand provided
- 1:1 mode with HD (1920 x 1080 pixel array)
- Source ID input by ASCII code
- Information position selectable
- Full vertical screen mode for SD 4:3 signal

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# 17" HD Multi-Format AC/DC LCD Monitor
# DT-V17L3D

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

### Specifications

| Model | | DT-V17L3D |
|---|---|---|
| Type | | Multi-format HDTV/SDTV LCD monitor |
| Screen Size | | Type 17 wide format |
| Aspect Ratio | | 16:10 |
| LCD Panel | | 17" wide, active matrix TFT |
| Effective Screen Size (W x H) | | 367.2 x 229.5 mm |
| Pixels | | 1440 x 900 (W-XGA+) |
| Display Colours | | 16.77 million |
| Viewing Angle | Horizontal | 160˚ |
| | Vertical | 140˚ |
| Brightness | | 400 cd/m² |
| Contrast Ratio | | 600: 1 |
| Horizontal/Vertical | Horizontal | 31.469 kHz to 75.000 kHz |
| Frequency (PC signals) | Vertical | 48 Hz - 65 Hz |
| | | 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: SMPTE299M, 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/DC 12-17 V |
| Rated Current | | 0.56 A (AC 120 V), 0.36 A (AC 220-240 V) 3.0 A (DC 12-17 V) |
| Dimensions (WxHxD) | With desktop stand | 395 x 344.8 x 199 mm |
| excluding protrusions) | Without stand | 395 x 304 x 86 mm |
| Weight | Excluding stand | 5.3 kg |
| | Including stand | 7 kg |
| Provided Accessories | | AC power cord, power cord holder, screw x 2 ( for power cord holder), Ferrite core x 1 ( for external battery) |
| Option | | Protective screen/rack mount adapter |

### Input/Output Terminals

| | | screw x 2 (for power cord holder) |
|---|---|---|
| Video | VIDEO | 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) |
| | DVI-D (HDCP) | DVI-D signal input (compatible with HDCP): DVI-D connector x 1 (compatible with DDC2B) |
| | COMPO. (Y, Pb/B-Y, Pr/R-Y) | Analogue component signal input/output: 1 line, BNC x 6 Video signal: Y: 1 V (p-p), 75 ohms, Pb/B-Y, Pr/R-Y: 0.7 V (p-p), 75 ohms (IN and OUT are connected with a bridge connection) (auto termination) |
| | HD/SD SDI (IN 1) HD/SD SDI (IN 2) | Digital signal input (compatible with EMBEDDED AUDIO): 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 | Analogue audio signal input: 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 |

### Input Format

| VIDEO | Input terminals | | | | COMPUTER | Input terminals |
|---|---|---|---|---|---|---|
| Signal name | Video | Component/ RGB | HD/SD SDI | DVI-D with HDCP (video) | Signal name | DVI-D (PC) |
| 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-UXGA60 (1920 x 1200) | ✓ |
| 1035/60i | — | ✓*1 | ✓ | ✓*1 | *1: It is displayed by 1080/60i. | |
| 1080/24p, 25p, 30p | — | ✓ | ✓ | ✓ | | |
| 1080/24psf, 30psf*1 | — | ✓ | ✓ | — | | |

### Status Display



- Status
- Source ID
- Time code
- Level meter
- Level meter
- CRC error
- Over level
- Waveform monitoring

*Information can be displayed in the upper or the lower blank area.

### Dimensions



395
86
40
1.5
100
VESA (M4, D: 10 mm)
344.8 (High)/309.5 (Low)
304
240
34
199
100
115

<Bottom of stand>
140
φ8
120.6
240
15

Unit: mm
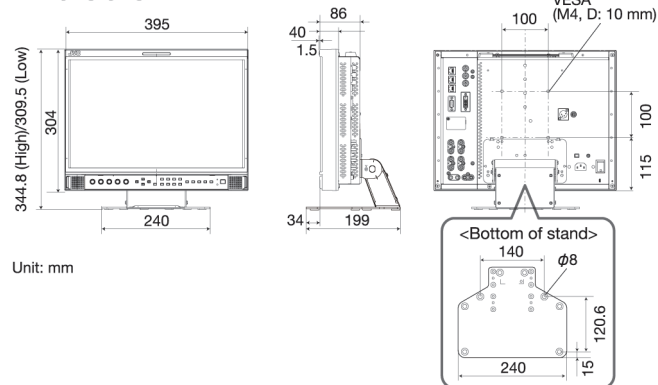
Option
• TS-W17FD1 (Protective screen)
• RK-C17D1 (Rack Mount Adapter)

### Front Panel



### Rear Panel



**INPUT TERMINALS**
- HD/SD-SDI Gold-plated
- DVI-D
- Audio In/Out
- Speaker Stereo

**CONTROLS**
- RS-232C
- RS-485 In/Out
- Make/ trigger

**FUNCTIONS**
- 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 & hight adjustable)
- Rack mount (Option)
- VESA
- Carrying handle

**OPERATION**
- Power AC/DC

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