

# JVC®

The Perfect Experience / —

10" (9" V) MULTI-FORMAT COLOR VIDEO MONITOR

## DT-V100CG

Compact, Multi-format Monitor for Professional Use



(with 16:9 bezel attached)

Fully Equipped with Professional Features,  
this HDTV Compatible\* Monitor is Small in Size yet  
Big on Performance and Best of All, Very Affordable.

- High-performance specifications in a compact body, at an affordable price
- HDTV reception capability\*
- Equipped with a Real-time Converter to prevent image delay (for HD\*)
- Optional Input Units are available: IF-C151HDG Multi-format HD/SD SDI Unit with Audio Level Indicator and IF-C101CMG\*\* Multi-Format Component Unit
- Selectable aspect ratio: 16:9 or 4:3
- RK-C101E EIA Rack Mount Adapter available as an option (5U)
- Multi-format capability: From NTSC/PAL to HD 1080/60i\*
- Tally lamp indicator: Red or green lamp color selectable

\* Optional unit required for HDTV display.

\*\* Early 2006

Housed in an ultra-compact 10" (9" v) package, JVC's DT-V100CG multi-format monitor is the convenient choice for any application. Affordably priced yet flexible as it can be upgraded to receive HDTV signals\*, this monitor is designed to satisfy the demanding needs of broadcast and video industries.

### HDTV and Multi-format Capabilities

The DT-V100CG monitor is compatible with all major DTV formats from NTSC to PAL as well as SD and HDTV\* for video professionals and broadcaster applications. Compatible formats include: NTSC, PAL, 1080/60i, 1080/59.94i, 1080/50i, 1080/24psF, 1080/23.98psF, 720/60p, 720/59.94p, 720/50p, 480/59.94i and 576 /50i.

### Real-time Converter (for HD\*)

The DT-V100CG offers unique CRT monitor advantages, as it is equipped with a newly developed Real-time Converter to effectively prevent image delay. CRT monitors also have a wider viewing range.

### Optional Input Units

Attaching an optional multi-format SDI or component unit further enhances the flexibility of the cost-efficient DT-V100CG. These units\*\* allow the monitor to receive HDTV signals.

### Compact body, affordable price range

A mere 8-3/4 inches in both height and width with a depth of only 12-5/8 inches, the DT-V100CG is the space-saving choice for any application. Best of all, its affordable price will keep operations within the budget.

### 16:9 Bezel for Wide Mask

The DT-V100CG is supplied with a Wide Mask 16:9 bezel, which can be attached when using it as an HDTV monitor. Switching between 16:9 and



4:3 ratios is possible and the monitor also offers Area Markings in 16:9 mode, which are selectable between 14:9, 13:9, or 4:3.

### Rack Mount Adapter (option)

An EIA rack mount adapter is an accessory option. It is 5U high and allows 2 monitors to be positioned side by side.

### Selectable (Red/Green) Tally Lamp Color

Tally lamp colors, which are displayed when the unit is turned on, can be set to either red or green. The tally lamp also works as an HD/SD indicator.

### On-screen Audio Level Indication

The optional IF-C151HDG multi-format HD/SD SDI input unit enables display of an on-screen audio level meter indication.

### Cross-function Menu Control Key

By moving the control jog up, down, left or right, the front panel's MENU control key can be used to select or adjust menu items (Main menu or Setup Menu).



\* Optional unit required for HDTV display.

\*\* The IF-C151HDG and IF-C101CMG cannot be connected simultaneously.

### Optional Accessories

**IF-C151HDG** Multi-format HD/SD SDI Unit with Audio Level Indicator

- Input of HD SDI or SD SDI from a terminal • Automatic detection of the signal type
- Audio level of embedded audio signal can also be checked. • Audio D/A out (2ch selectable)

**IF-C101CMG** Multi-format Component Unit • Early 2006

**RK-C101E** Rack Mount Adapter (5U)

### Specifications

Model		DT-V100CG
Type	Multi-format Monitor	
Color Systems	Without optional unit	NTSC, PAL
	With optional unit*	1080/60i, 1080/59.94i, 1080/50i, 1080/24psF, 1080/23.98psF, 720/60p, 720/59.94p, 720/50p, 480/59.94i, 576/50i
CRT	10" (9" v) measured diagonally	
Scanning Frequency	H : 15 kHz V : 50 Hz/60 Hz	
Horizontal Resolution	SD: 300 TV lines HD: 230 TV lines	
Power Requirements	120 V/220-240 V AC, 50 Hz/60 Hz	
Power Consumption	0.9 A (120 V AC)/0.6 A (220-240 V AC)	
Color Temperature	6,500°K / 9,300°K selectable	
Input/Output Terminals**		
Composite Signal	VIDEO A / VIDEO B: 2 lines, BNC connector x 4 (1 Vp-p, 75Ω)	
External Synchronized	EXT. SYNC: 1 line, BNC connector x 2 (0.3 Vp-p - 4 Vp-p, 75Ω)	
Compliant Video Signal		
INPUT A/B	NTSC (3.58 MHz), PAL (4.43 MHz), B/W (50 Hz/60 Hz)	
INPUT C/D	Varies depending on the optional input unit	
Remote Terminals		
RS-485	Serial connection, 1 line, RJ-45 connector (8-pin) x 2, compliant to RS-485	
MAKE/TRIGGER	Point-of-contact connection, 1 line, RJ-45 connector (8-pin) x 1	
Dimensions: W x H x D (Without an optional input unit; With or without Wide Mask)	8-3/4" x 8-3/4" x 12-5/8" 222 x 220 x 319.3mm	
Weight (Without Wide Mask and an input unit)	15.7 lbs (7.1 kg)	

\* Optional unit required for HDTV display.

\*\* The input (IN) and output (OUT) terminals are bridge-connected. (Auto termination)

### Front/Rear View

### Dimensions

unit=inch(es) (mm)

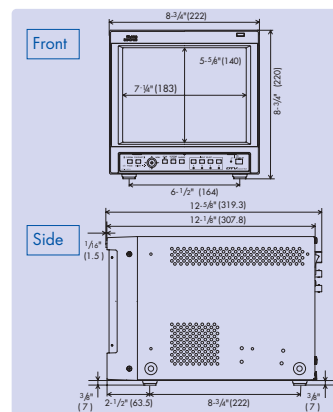
Front Control Panel View



Rear Panel View



Attached with optional Multi-format HD/SD SDI Unit IF-C151HDG



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