

Preliminary information

27th November 2009

New studio monitors from January 2010

JVC
The Perfect Experience

DT-V17G1 / DT-V20L3GE / DT-V24G1

DT-V17G1 17" 3G HDSI/SDI studio monitor

DT-V20L3GE 20" 3G HDSI/SDI studio monitor

DT-V24G1 24" 3G HDSI/SDI studio monitor

JVC designed, in consideration of special customer demands, the new G-series of the DT-V studio monitors. Like the forerunners, these offer excellent image quality and feature a robust and noble design for any desired application. The metal chassis provides optimal heat abstraction and long durability. Brilliant image presentation, an easy-to-use key front panel and an optional calibration software provide excellent service and operation of the units.

The following additional technical features complete the profile of the G-series studio monitors:



General technical highlights of the G-series:

- 3G HDSI inputs incl. dual HDSI backup
- built-in high-definition vectorscope
- new waveform monitor with review demonstration
- 3 level front control (lockable per menu)
- built-in mains adapter
- Extremely high viewing angle due to IPS panel, therefore to an optimum suited for camera workstations
- shortened envelope delay < 1 Frame
- new panel generation
- 12 channel audio scale
- UMD function with colour selection, controllable via RS-232/485
- several external control options via RS-232 / RS 485 / Make / trigger
- full vertical screen mode for SD 4:3 signal (switchable)
- 1:1 mode with HD
- incl. stand

Preliminary information
27th November 2009
New studio monitors from January 2010

JVC
The Perfect Experience

DT-V17G1

17" 3G HDSI/SDI studio monitor

Additional technical highlights:

- new non-reflecting IPS panel (thus no image interferences with backlights)
- very high viewing angle at work
- optimal applicable for installation in a 19" rack, congruent with the rack (same installation characteristics as our CRT unit DT-V1710)
- 1366x768 pixels
- operation at 12 V possible
- carrying handle
- optional flight case available



DT-V20L3GE

20" 3G HDSI/SDI studio monitor

Additional technical highlights:

- reflecting IPS panel 1680 x 1050 pixels
- very high viewing angle at work
- High definition due to bright IPS panel for image evaluation
- Installable with the optional rackmount (as DT-17G1) (rests against the 19" rack due to screen size)



DT-V24G1

20" 3G HDSI/SDI studio monitor

Additional technical highlights:

- new non-reflecting IPS panel 1920 x 1200 pixels (thus no image interferences with backlights)
- very high viewing angle at work
- wide colour space, 100% Adobe colour reproduction



Preliminary information

27th November 2009

New studio monitors from January 2010

JVC

The Perfect Experience

New Calibration-Software Tool

Works with Minolta CA-210 and Eyeone-Display2.

Choice of Calibration for Whitebalance and or Gamma Values

Selectable quality range.

Luminance and Color tracking report

Possible to store and load adjustment data as LUT to local disk

System Requirements:

Screen Resolutions: 1280 x 1024 and up

Display Monitors DT-V17/20/24 G Series

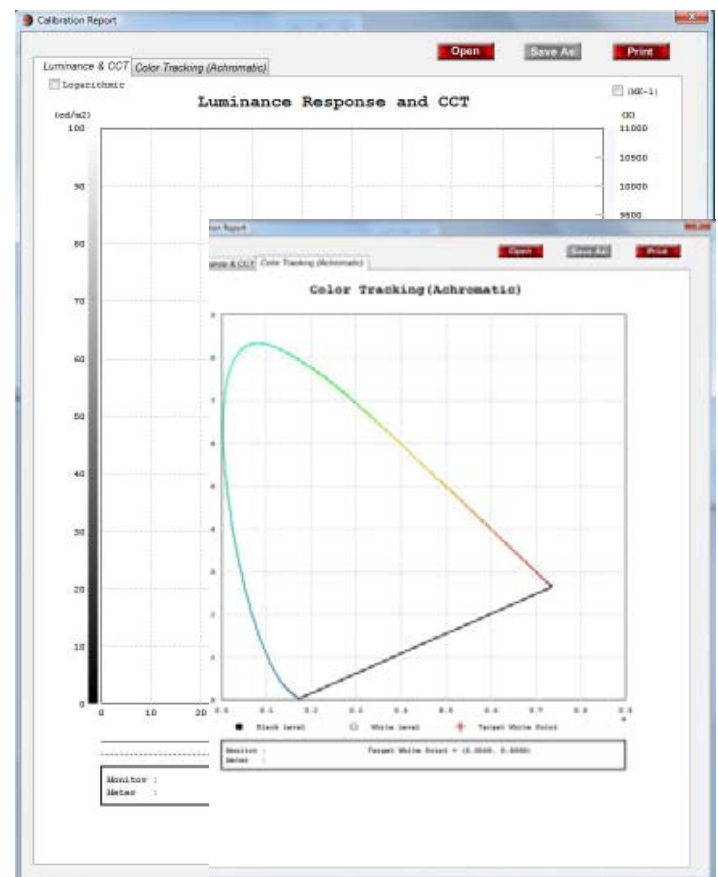
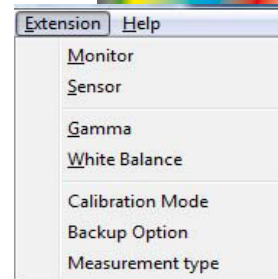
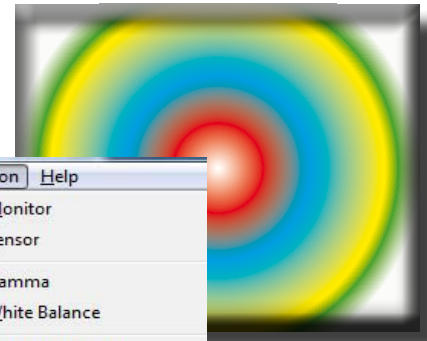
Photometers: Minolta CA-210, X-Rite EyeOne Display2

Graphics Card: Capable of outputting DVI-D Signal

Monitor Interface: Serial port or USB to Serial adaptor for Monitor com ports

Photometer Interface: USB port for CA-210 or EyeOne Display 2

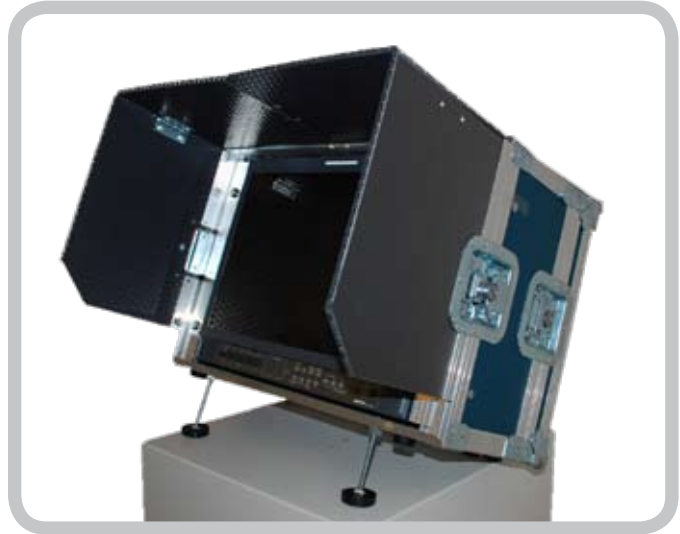
Operating System: Windows Vista (32 Bit) or Windows 7 (32 Bit)



Preliminary information
27th November 2009
New studio monitors from January 2010

For DT-V17G1

Flightcase CB-VisionBox – 17N



Price-Information:

Product name	Product description	List price	Code	Availability
DT-V17G1	3G HDSDI/SDI studio monitor	2.950 €*	V	from January 2010
RK-C17D2EA	19" rack for 17" studio monitor	270 €*	V	on order (Japan)
CB -VisionBox -17N	Flightcase für DT-V17	530 €*	V	immediately
DT-V20L3GE	3G HDSDI/SDI studio monitor	3.295 €*	V	from March 2010
DT-V24G1	3G HDSDI/SDI studio monitor	4.495 €*	V	from February 2010
Eyeone-Display2	Colour-Sensor	149 €*	X	on stock
	Calibration-Software	download		from March 2010

*All prices are to be understood net + VAT as per November 2009. Subject to changes.

Preliminary information
27th November 2009
New studio monitors from January 2010



TENTATIV Spec's		JVC DT-V17G1	JVC DT-V20L3GE	JVC DT-V24G1
Video	Input	1 x PAL Composite 2 x HD/SD-SDI (Auto-detected) 3GHz or Dual-HDS DI 1 x Analog Component 1 x DVI-D (HDCP)	2 x PAL Composite 2 x HD/SD-SDI (Auto-detected) 3GHz or Dual-HDS DI 1 x Analog Component 1 x DVI-D (HDCP) 1 x External Sync (Composite)	2 x PAL Composite 2 x HD/SD-SDI (Auto-detected) 3GHz or Dual-HDS DI 1 x Analog Component 1 x DVI-D (HDCP) 1 x External Sync (Composite)
	Output	1 x PAL Composite (Bridged, Auto terminated) 1 x HD/SD-SDI (Switched Out) 1 x Analog Component (Bridged, Auto terminated)	2 x PAL Composite (Bridged, Auto terminated) 1 x HD/SD-SDI (Switched Out) 1 x Analog Component (Bridged, Auto terminated) 1 x External Sync (Bridged, Auto terminated)	2 x PAL Composite (Bridged, Auto terminated) 1 x HD/SD-SDI (Switched Out) 1 x Analog Component (Bridged, Auto terminated) 1 x External Sync (Bridged, Auto terminated)
Audio	Input	1 x Analog Audio 2 x Embedded Audio	1 x Analog Audio 2 x Embedded Audio	1 x Analog Audio 2 x Embedded Audio
	Output	1 x Analog Audio (Monitor Out)	1 x Analog Audio (Monitor Out)	1 x Analog Audio (Monitor Out)
Internal Speaker	Var	Var	Var	
Remote Control	1 x RJ-45 (Make/Trigger) 2 x RJ-45 (RS-485) 1 x D-Sub (RS-232C)	1 x RJ-45 (Make/Trigger) 2 x RJ-45 (RS-485) 1 x D-Sub (RS-232C)	1 x RJ-45 (Make/Trigger) 2 x RJ-45 (RS-485) 1 x D-Sub (RS-232C)	
On-Panel Controls	Volume Phase Chroma Brightness Contrast Muting Scr. Check Color Off 1:1 Area Marker Safety Marker Aspect Waveform / Vector Timecode Menu SDI 1 SDI 2 DVI Video Component On/Off	Volume Phase Chroma Brightness Contrast Muting Scr. Check Color Off 1:1 Area Marker Safety Marker Aspect Waveform / Vector Timecode Menu SDI 1 SDI 2 DVI Video 1 Video 2 Component On/Off	Volume Phase Chroma Brightness Contrast Muting Scr. Check Color Off 1:1 Area Marker Safety Marker Aspect Waveform / VECTOR Timecode Menu SDI 1 SDI 2 DVI Video 1 Video 2 Component On/Off	
Aspect Ratio (Physical)	16:09	16:10	16:10	
Embedded Audio Monitoring	Var	Var	Var	
Active Screen Size	372.9 x 209.7. mm	433.4 x 270.9 mm	518.4 x 324.0 mm	
Resolution	1366 x 768	1680 x 1050 Pixels	1900 x 1200 Pixels	
Contrast	900:1	700:1	1000:1	
Brightness	350 cd/m ²	470 cd/m ²	400 cd/m ²	
Backlight Life	50000	50000	40000	
Viewing Angle (V/H - Degree)	178 / 178	178 / 178	178 / 178	
Response Time	Rise Time 8ms decay 9ms	Rise time 5ms decay 7ms	Rise time 6ms decay 7ms	
Operating Temp (°C)	5°C to 35 °C	5°C to 35 °C	5°C to 35 °C	
Storage Temp (°C)	-20°C to 65°C	-20°C to 60°C	-20°C to 60°C	
Operating Humidity	%20 - %80	%20 - %80	%20 - %80	
Rack Mount	Fix optional	Fix optional	Fix optional	
Internal Waveform	Var (Standart)	Var (Standart)	Var (Standart)	
Internal Source ID	Var (Standart)	Var (Standart)	Var (Standart)	
Internal Time Code Display	Var (Standart)	Var (Standart)	Var (Standart)	
Internal Status Display	Var (Standart)	Var (Standart)	Var (Standart)	
Internal Audio Level Display	Var (Standart)	Var (Standart)	Var (Standart)	
Internal CRC Display	Var (Standart)	Var (Standart)	Var (Standart)	