

## Optional Input Cards

<b>IF-C01PNG</b> Composite Video	<b>IF-C01COMG</b> COMPONENT/RGB	<b>IF-C01SDG</b> SDI	<b>IF-C12HSDG</b> HD SDI • Embedded Audio	<b>IF-C21SDG</b> SDI • Embedded Audio	<b>IF-C51SDG</b> SDI • Embedded Audio • Audio Level Indication
<b>IF-C21HSDG</b> HD SDI • Embedded Audio	<b>IF-C51HSDG</b> HD SDI • Embedded Audio • Audio Level Indication	<b>IF-C61HSDG</b> HD/SD-SDI • HD/SD Compatible • Embedded Audio • Audio Level Indication	<b>IF-C151HDG</b> HD/SD-SDI • HD/SD Compatible • Only for DT-V100CG • Embedded Audio • Audio Level Indication	<b>IF-C101CMG</b> COMPONENT/RGB • Only for DT-V100CG • Mid 2006	

## IF Card Specifications

INPUT CARD	Composite (VBS)		Video (V/C)		Component / RGB		External Sync		Serial Digital (with Embedded Audio)						Audio			
	INPUT	OUTPUT	INPUT	OUTPUT	INPUT	OUTPUT	INPUT	OUTPUT	(SD-SDI)		(HD-SDI)		(SD/HD-SDI)		Analog		SDI Embedded <sup>2</sup>	
									INPUT	Switched OUTPUT	INPUT	OUTPUT	INPUT	Switched OUTPUT	INPUT	OUTPUT	Analog monitor OUT	AES/EBU OUT
IF-C01PNG	2 x BNC	2 x BNC	1 x mini DIN 4-pin <sup>1</sup>	-	-	-	1 x BNC (CS)	1 x BNC (CS)	-	-	-	-	-	-	2 x RCA	2 x RCA	-	-
IF-C01COMG	-	-	-	-	3 x BNC	3 x BNC	2 x BNC (CS/H, V)	2 x BNC (CS/H, V)	-	-	-	-	-	-	1 x RCA	1 x RCA	-	-
IF-C01SDG	-	-	-	-	-	-	-	-	2 x BNC	1 x BNC	-	-	-	-	2 x RCA	2 x RCA	-	-
IF-C12HSDG	-	-	-	-	-	-	-	-	-	-	2 x BNC	2 x BNC	-	-	-	-	-	-
IF-C21SDG	-	-	-	-	-	-	-	-	2 x BNC	1 x BNC	-	-	-	-	-	-	1 x RCA	-
IF-C51SDG	-	-	-	-	-	-	-	-	2 x BNC	1 x BNC	-	-	-	-	-	-	1 x RCA	-
IF-C21HSDG	-	-	-	-	-	-	-	-	-	-	1 x BNC	1 x BNC	-	-	-	-	1 x RCA	-
IF-C51HSDG	-	-	-	-	-	-	-	-	-	-	1 x BNC	1 x BNC	-	-	-	-	1 x RCA	-
IF-C61HSDG	-	-	-	-	-	-	-	-	-	-	-	-	2 x BNC	1 x BNC	-	-	2 x RCA	4 x BNC
IF-C151HDG	-	-	-	-	-	-	-	-	-	-	-	-	2 x BNC	1 x BNC	-	-	2 x RCA	-

<sup>1</sup> Y/C is prior to composite when input together in VIDEO 2

<sup>2</sup> 2 decoded from Embedded audio

INPUT CARD	COMPATIBILITY	Embedded Audio Channel Switch			Audio Level Meter Setting			HD/SD SDI Auto Input Select ON/OFF Switch		
		DT-V1910CG DT-V1710CG	TM-H1950CG TM-H1750CG TM-H150CG	DT-V100CG	DT-V1910CG DT-V1710CG	TM-H1950CG TM-H1750CG TM-H150CG	DT-V100CG	DT-V1910CG DT-V1710CG	TM-H1950CG TM-H1750CG	DT-V100CG
IF-C01PNG	DT-V1910CG, DT-V1710CG	—	—	—	—	—	—	—	—	—
IF-C01COMG	DT-V1910CG, DT-V1710CG, TM-H1950CG, TM-H1750CG, TM-H150CG	—	—	—	—	—	—	—	—	—
IF-C01SDG	—	—	—	—	—	—	—	—	—	—
IF-C12HSDG	DT-V1910CG, DT-V1710CG	●	—	—	—	—	—	—	—	—
IF-C21SDG	DT-V1910CG, DT-V1710CG, TM-H1950CG, TM-H1750CG, TM-H150CG	●	■	—	—	—	●	—	—	—
IF-C51SDG	—	●	■	—	●	■	●	—	—	—
IF-C21HSDG	—	●	—	—	—	—	●	—	—	—
IF-C51HSDG	DT-V1910CG, DT-V1710CG	●	—	—	●	—	●	—	—	—
IF-C61HSDG	—	●	—	—	●	—	●	—	—	—
IF-C151HDG	DT-V100CG	—	—	●	—	—	—	—	—	●

● → Set via screen menu  
 ■ → Activated by setting dipperswitches on the card  
 — → Feature not available with this card  
 Blank → Card not compatible with monitor

Rack Mount Adapter	
<b>RK-C1900E</b>	for DT-V1910CG, TM-H1950CG, TM-H1900G
<b>RK-C1700E</b>	for DT-V1710CG, TM-H1750CG, TM-H1700G
<b>RK-C150G</b>	for TM-H150CG
<b>RK-C101E</b>	for DT-V100CG
<b>RK-C101BPE</b>	Blank panel
<b>RK-A10E</b>	for TM-910SU/1010PN, TM-950DU/1050PND
<b>RK-A10BPE</b>	Blank panel

# JVC

The Perfect Experience

## Professional Monitors

# Performance for Today. And Beyond.

Even with the introduction of new monitors boasting a variety of technological innovations, JVC realizes that there are many video professionals who still support CRTs. At JVC, besides developing new technologies, we will continue to support the needs of professionals who appreciate the advantages of CRT monitors.

Reliability has always been the primary objective of JVC when developing professional monitors. Many years of experience and expertise have led to the creation of exclusive technologies which assure durability and longevity with maintained performance. Use of the best components, effective heat dissipation, rigorous inspections, and most importantly, feedback from our many customers has enabled JVC to develop high-quality CRTs that set the industry standard for performance and durability.

By definition all models in JVC's professional monitor range have met the rigorous standards imposed by JVC's total quality control system. JVC is proud to present this exceptional CRT monitor line-up.

## DT-V1910CG

19" (18"V) MULTI-FORMAT HDTV MONITOR

- Multi-format Capability HDTV/SDTV (480i, 576i, 480p, 576p, 1080i, 1080/24 psf, 720/60p and 720/50p)
- Big-screen Design in most Compact Package
- Natural Flat CRT with 900 TV Lines Resolution
- HV separation & IK Feedback for Picture Stability
- Rush-current Delay Function
- Selectable Aspect Ratio 16:9/4:3
- EIA Rack Mountable (9U)
- Choice of up to Three Input Cards from Nine Available: HD SDI, HD SD-SDI, SDI, Component/RGB, Video
- Area and Safety Marker Settings
- Equipped with 2-color Tally Lamp
- Remote control via Contact closure, Trigger or RS-485

#### ■ Dimensions (W x H x D):

440 x 375 x 496 mm  
(17-3/8 x 14-7/8 x 19-5/8 inches)

#### ■ Weight:

29.4 kg (64.7 lbs.)



(with 16:9 bezel attached)

## DT-V1710CG

17" (16"V) MULTI-FORMAT HDTV MONITOR

- Multi-format Capability HDTV/SDTV (480i, 576i, 480p, 576p, 1080i, 1080/24 psf, 720/60p and 720/50p)
- Big-screen Design in Most Compact Package
- Natural Flat CRT with 800 TV Lines Resolution
- HV separation & IK feedback for Picture Stability
- Rush-current Delay Function
- Selectable Aspect Ratio 16:9/4:3
- EIA Rack Mountable (8U)
- Choice of up to Three Input Cards from Nine Available: HD SDI, HD SD-SDI, SDI, Component/RGB, Video
- Area and Safety Marker Settings
- Equipped with 2-color Tally Lamp
- Remote control via Contact closure, Trigger or RS-485

#### ■ Dimensions (W x H x D):

395 x 334 x 466.5 mm  
(15-5/8 x 13-1/4 x 18-3/8 inches)

#### ■ Weight:

23.7 kg (52.2 lbs.)



(with 16:9 bezel attached)



# DT-V100CG

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

- 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
- Selectable Aspect Ratio: 16:9/4:3
- RK-C101E EIA Rack Mount Adapter Available as an Option (5U)
- Multi-format Capability: From NTSC/PAL to HD 1080/60i\*
- Equipped with 2-color Tally Lamp
- Remote control via Contact Closure, Trigger or RS-485

\* Optional unit required for HDTV display.

#### ■ Dimensions (W x H x D):

222 x 220 x 319.3 mm  
(8-3/4 x 8-3/4 x 12-5/8 inches)

#### ■ Weight:

7.1 kg (15.7 lbs.)



(with 16:9 bezel attached)

## HIGH-PERFORMANCE MONITOR with Input Card Slot

# TM-H1950CG

19" (18"V) HIGH-RESOLUTION COLOR MONITOR

- 750 Lines of Horizontal Resolution
- Selectable Aspect Ratio: 16:9/4:3
- Card Slot for Optional Component/RGB or SDI Input Card
- Dual Standard, Auto-sensing, NTSC and PAL
- Multi-Voltage, Auto-sensing, 120V to 230V AC
- EIA Rack Mountable (Height 9U)
- Big Screen, Small Cabinet Design
- On-Screen Menu
- Underscan, Color Off, Blue Check Functions
- Wired Remote Control via D-sub 15-pin
- UL Listed/CE Marking

#### ■ Dimensions (W x H x D):

440 x 375 x 496 mm  
(17-3/8 x 14-7/8 x 19-5/8 inches)

#### ■ Weight:

25.6 kg (56.3 lbs.)



# TM-H1750CG

17" (16"V) HIGH-RESOLUTION COLOR MONITOR

- 750 Lines of Horizontal Resolution
- Selectable Aspect Ratio: 16:9/4:3
- Card Slot for Optional Component/RGB or SDI Input Card
- Dual Standard, Auto-sensing, NTSC and PAL
- Multi-Voltage, Auto-sensing, 120V to 230V AC
- EIA Rack Mountable (Height 8U)
- Big Screen, Small Cabinet Design
- On-Screen Menu
- Underscan, Color Off, Blue Check Functions
- Wired Remote Control via D-sub 15-pin
- UL Listed/CE Marking

#### ■ Dimensions (W x H x D):

395 x 334 x 418 mm  
(15-5/8 x 13-1/4 x 16-1/2 inches)

#### ■ Weight:

20.1 kg (44.3 lbs.)



# TM-H150CG

15" (14"V) HIGH-RESOLUTION COLOR MONITOR

- 750 Lines of Horizontal Resolution
- Selectable Aspect Ratio: 16:9/4:3
- Card Slot for Optional Component/RGB or SDI Input Card
- Dual Standard, Auto-sensing, NTSC and PAL
- Multi-Voltage, Auto-sensing, 120V to 230V AC
- EIA Rack Mountable (Height 6U)
- Big Screen, Small Cabinet Design
- On-Screen Menu
- Underscan, Color Off, Blue Check Functions
- Wired Remote Control via D-sub 15-pin
- UL Listed/CE Marking

#### ■ Dimensions (W x H x D):

360 x 310 x 418 mm  
(14-1/4 x 12-1/4 x 16-1/2 inches)

#### ■ Weight:

16 kg (35.2 lbs.)



## HIGH-PERFORMANCE MONITOR

# TM-H1900G

19" (18"V) HIGH-RESOLUTION COLOR MONITOR

- High-resolution Pictures with 750 Horizontal Lines
- Selectable Aspect Ratio: 16:9/4:3
- Underscan Supports Multiplexer Applications
- On-screen Menu
- Multi-standard Compatibility: NTSC/PAL
- Universal Power Supply: 120V/230V AC
- EIA Rack Mountable (Height 9U)
- Big Screen, Small Cabinet Design
- Wired Remote Control
- UL Listed/CE Marking

■ Dimensions (W x H x D): 440 x 375 x 496 mm (17-3/8 x 14-7/8 x 19-5/8 inches)

■ Weight: 25.1 kg (55.2 lbs.)



# TM-H1700G

17" (16"V) HIGH-RESOLUTION COLOR MONITOR

- High-resolution Pictures with 750 Horizontal Lines
- Selectable Aspect Ratio: 16:9/4:3
- Underscan Supports Multiplexer Applications
- On-screen Menu
- Multi-standard Compatibility: NTSC/PAL
- Universal Power Supply: 120V/230V AC
- EIA Rack Mountable (Height 8U)
- Big Screen, Small Cabinet Design
- Wired Remote Control
- UL Listed/CE Marking

■ Dimensions (W x H x D): 395 x 334 x 418 mm (15-5/8 x 13-1/4 x 16-1/2 inches)

■ Weight: 19.6 kg (43.2 lbs.)



# TM-950DU (for North America)

# TM-1050PND (for Europe/Asia)

10" (9"V) COLOR MONITOR

- Compact Rugged Metal Cabinet Utility Monitor
- Accepts SDI Signal SMPTE 259M
- NTSC/PAL Compatible
- Selectable Aspect Ratio: 16:9/4:3
- Professional Functions, Blue Check, Pulse Cross, Color Off, Under Scan and External Sync
- Wired Remote Capability Including Tally Lamp via DIN 8-pin Connector

■ Dimensions (W x H x D): 222 x 229.5 x 370 mm (8-3/4 x 9-1/8 x 14-5/8 inches)

■ Weight: 7.9 kg (17.4 lbs.)



# TM-910SU (for North America)

# TM-1010PN (for Europe/Asia)

10" (9"V) COLOR MONITOR

- Compact Rugged Metal Cabinet Utility Monitor
- NTSC/PAL Compatible
- Selectable Aspect Ratio: 16:9/4:3
- Wide Range of Power Requirement, 120V AC, 60 Hz (TM-910SU), 230V AC, 50 Hz (TM-1010PN), and 12V DC via XLR4-pin Connector
- Composite and Y/C Inputs
- Professional Functions, Blue Check, Pulse Cross, Color Off, Under Scan and External Sync
- Wired Remote Capability Including Tally Lamp via DIN 8-pin Connector

■ Dimensions (W x H x D): 222 x 236 x 317 mm (8-3/4 x 9-5/16 x 12-1/2 inches)

■ Weight: 7.4 kg (16.3 lbs.)



## Specifications

MODEL (SIZE)	DT-V1910CG	DT-V1710CG	DT-V100CG	TM-H1950CG	TM-H1750CG	TM-H150CG	TM-H1900G	TM-H1700G	TM-950DU	TM-1050PND	TM-910SU	TM-1010PN
	19" (18"V)	17" (16"V)	10" (9"V)	19" (18"V)	17" (16"V)	15" (14"V)	19" (18"V)	17" (16"V)	10" (9"V)	10" (9"V)	10" (9"V)	10" (9"V)
									N. America	Europe/Asia	N. America	Europe/Asia
Color System	PAL/NTSC, 480i, 576i, 480p, 576p, 1080/50i, 1080/60i, 1080/24psf, 720/60p, 720/50p		PAL/NTSC AUTO SELECT; HD Multi-format available with optional unit	PAL/NTSC AUTO SELECT			PAL/NTSC AUTO SELECT		PAL/NTSC MANUAL SELECT			
Scanning Frequency	H: 15.625/15.734/28.125/31.5/33.75/45 kHz V: 48 (24psf)/50/59.94/60 Hz		H: 15 kHz V: 50/60Hz	—			—		H: 15.735kHz, 15.625kHz V: 59.94Hz, 50Hz			
Horizontal Resolution (TVL)	900 (1080/60i)	800 (1080/60i)	SD: 300; HD: 230	750			750		300 (SDI input)	300		
Color Temperature	Selectable 6500°K/9300°K			6500°K/9300°K			6500°K/9300°K		6500°K			
16:9/4:3 Switchable	●			●			●		●			
On-screen Display	●			●			●		—			
Interface Card Slot	3		1*	1			—		—			
Analog Component	Optional Card			Optional Card			—		—			
Y/C	Optional Card		—	mini DIN 4-pin x 2			mini DIN 4-pin x 2		—	mini DIN 4-pin x 2		
RGB Analog	Optional Card			Optional Card			—		—			
Composite Video	Optional Card		Input A: BNC x 2, Input B: BNC x 2	Input A: BNC x 2, Input B: BNC x 2 Bridged out			Input A: BNC x 2, Input B: BNC x 2		Input A: BNC x 2, Input B: BNC x 2			
Audio	Optional Card			RCA x 4, 2 x Bridged			RCA x 4, 2 x Bridged		RCA x 4, 2 x Bridged			
SDI	Optional Card			Optional Card			—		Input A: BNC x 2, 1 for Active Through-out	—		
Underscan	●			●			—		●			
Area Marker	● (16:9-4:3, 14:9, 13:9)		● (Center, 16:9-4:3, 14:9, 13:9)	—			—		—			
Pulse Cross	●		—	—			—		●			
Blue Check	● (Screens Check)		●	●			—		●			
Color On / Off	●			●			—		●			
External/Internal Sync	●		● (Ext. only)	—			—		●			
Auto Degauss	●			●			●		●			
Tally Lamp	●			●			—		●			
Remote Control (WIRED)	MAKE/TRIGGER			MAKE/TRIGGER			MAKE/TRIGGER		MAKE			
Input Select	●			●			●		●			
16:9/4:3 Aspect	●			●			●		●			
Color Off	●			●			—		●			
Underscan	—		●	●			●		●			
Pulse Cross	—		●	—			—		●			
Power	AC			AC			AC		AC		AC/DC	
Power Consumption	1.8 A at 120 V AC 1.0 A at 230 V AC	1.56 A at 120 V AC 0.9 A at 230 V AC	0.9 A at 120 V AC 0.6 A at 220 - 240 V AC	1.2 A at 120 V AC 0.9 A at 230 V AC	1.3 A at 120 V AC 0.8 A at 230 V AC	1.2 A at 120 V AC 0.8 A at 220 - 240 V AC	1.2 A at 120 V AC 0.8 A at 230 V AC	1.1 A at 120 V AC 0.7 A at 230 V AC	0.83 A at 120 V AC	0.54 A at 230 V AC	0.57 A at 120 V AC, 3.3 A at DC12V	0.41 A at 230 V AC 3.5 A at DC12V
Rack Height	9U	8U	5U	9U	8U	7U	9U	8U	6U			
Dimensions (W x H x D)	mm	440 x 375 x 496	395 x 334 x 466.5	222 x 220 x 319.3	440 x 375 x 496	395 x 334 x 418	360 x 310 x 418	440 x 375 x 496	395 x 334 x 418	222 x 229.5 x 370	222 x 236 x 317	
	inches	17-3/8 x 14-7/8 x 19-5/8	15-5/8 x 13-1/4 x 18-3/8	8-3/4 x 8-3/4 x 12-5/8	17-3/8 x 14-7/8 x 19-5/8	15-5/8 x 13-1/4 x 16-1/2	14-1/4 x 12-1/4 x 16-1/2	17-3/8 x 14-7/8 x 19-5/8	15-5/8 x 13-1/4 x 6-1/2	18-3/4 x 9-1/8 x 14-5/8	8-3/4 x 9-5/16 x 12-1/2	
Weight	kg	29.4	23.7	7.1	25.6	20.1	16.0	25.1	19.6	7.9	7.4	
	lbs	64.7	52.2	15.7	56.3	44.3	35.2	55.2	43.2	17.4	16.3	

\*External Interface Type



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