



# Delvcam DELV-3GHD-17RD



**17.3 inch 1RU Rack Drawer 3G-SDI Video Monitor  
with Cross Conversion**

## IMPORTANT SAFETY INSTRUCTIONS

- Read manual before using this product.
- Keep manual for future reference.
- Do not place the display screen on the ground.
- Avoid heavy impact or dropping.
- Do NOT use chemical solutions to clean this product. Wipe with a clean soft cloth to maintain the brightness of the surface.
- Do not block any vent holes.
- Follow the instructions when making adjustments.
- Unplug the power and remove the battery if you do not plan to use the monitor for an extended period of time.

## FEATURES

**1RU Rack Drawer Design for Rack Mounting or as a Stand Alone Unit**  
Can be folded down and slid into rack drawer to save space or to transport

**Multiple Functions Including Cross Conversion**  
Vector Scope, Tally Interface, Histogram, and more

**Embedded Audio Meter**  
Displays numerical indicators and headroom levels

## INCLUDED ACCESSORIES

- 15VDC Power Supply
- Tally Connector



## SPECIFICATIONS

Display Screen:	17.3 inch IPS LCD
Resolution:	1920 x 1080
Brightness:	300cd/m <sup>2</sup>
Contrast	700:1
Aspect Ratio:	16:9
Viewing Angle:	178° / 178°(H/V)
Input Signal:	3G-SDI, HDMI, DVI
Output Signal:	3G-SDI, HDMI
Audio:	2 Speakers, Earphone Jack
Power;	15VDC, 2.5A
Power Consumption:	32W
Dimensions (LxHxD):	19x1.73x19.98 in / 482.5×44×507.5mm
Weight:	18.96 lb / 8.6kg
Operating Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Temperature	-30°C ~ 70°C (-22°F ~ 158°F)

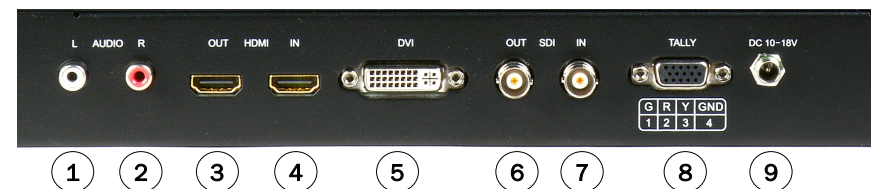


## MONITOR FRONT



- 1 Power
- 2 SDI Mode
- 3 HDMI Mode
- 4 DVI Mode
- 5 MENU
- 6 < Volume/Shortcut Settings
- 7 > Volume/Shortcut Settings
- 8 Back/Exit
- 9 User Definable Buttons F1, F2, F3, F4
- 10 Earphone Jack
- 11 Speakers

## MONITOR REAR



- 1 Audio L
- 2 Audio R
- 3 HDMI Output Port
- 4 HDMI Input Port
- 5 DVI Input Port
- 6 SDI Output Port
- 7 SDI Input Port
- 8 Tally Interface
- 9 DC Power Port

## MENU FEATURE SETTINGS

1. Turn power ON.
2. Press MENU.
3. Press the < > buttons to scroll through Menus
4. Press MENU to select a Menu.
5. Press the < > buttons to scroll through features.
6. Press MENU to select the feature.
7. Press the < > buttons to scroll through feature options.
8. Press MENU to Confirm
9. Press EXIT twice to exit.

## SHORTCUT SETTINGS

1. Select < > to adjust volume, brightness, contrast, color, hue, sharpness and backlight.
2. Press MENU to scroll through options.
3. Use < > to make adjustment and press EXIT to confirm.

## USER DEFINABLE FUNCTION BUTTONS F1, F2, F3, F4

1. Press and hold any one of the 4 buttons until the shortcut menu appears on the right. Current option will be highlighted in white.
2. Use the < > buttons to scroll through the options.
3. Press the MENU to set the selected option.

### Default options

- F1: Scan
- F2: Waveform
- F3: Aspect
- F4: Aspect Marker

## SETTINGS

PICTURE		
	Brightness	50
	Contrast	50
	Saturation	50
	Tint	50
	Sharpness	0
	Color Temp	User
	Red Gain	128
	Green Gain	128
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- Brightness 0-100
- Contrast 0-100
- Saturation 0-100
- Tint 0-100
- Sharpness 0-100
- Color Temp: 5500°/6500°/7500°/9300°K/User
  - User mode only:
    - RED Gain 0-255
    - Green Gain 0-255
    - Blue Gain 0-255
    - Red Offset 0-511
    - Green Offset 0-511
    - Blue Offset 0-511










MARKER		
	Center Marker	OFF
	Aspect Marker	OFF
	Safety Marker	OFF
	Marker Color	Red
	Marker Mat	OFF
	Thickness	2

- Center Marker: OFF, ON
- Aspect Marker: OFF, 16:9, 1.85:1, 2.35:1 4:3, 3:2
- Safety Marker: OFF, 95%, 93%, 90%, 88%, 85%, 80%
- Marker Color: Red, Green, Blue, White, Black
- Marker Mat: Off, 1-7
- Thickness: 2, 4, 6





FUNCTION		
	Scan	Zoom
	Aspect	Full
	Underscan	OFF
	H/V Delay	OFF
	Check Field	OFF
	Zoom	60%
	Freeze	OFF
	DSLR	OFF
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- Scan: Zoom, Aspect, Pixel to Pixel
- Aspect: Full, 16:9, 1.85:1, 2.35:1, 4:3, 3:2
- Underscan: OFF, ON
- H/V Delay: OFF, H, V, H/V
- Check Field OFF, Red, Green, Blue
- Zoom: 10-90%
- Freeze: OFF, ON
- DSLR: OFF, 5D2, 5D3
- 3G Format (available in SDI mode only): Normal, GBRA444 10Bit, YCbCrA444 10Bit, YCbCrA422 12Bit, GBR444 12Bit, YCbCr444 12Bit









## SETTINGS

WAVEFORM		
	Waveform	Multi
	Peaking	OFF
	Peaking Color	Red
	Peaking Level	50
	False Color	OFF
	Exposure	OFF
	Exposure Level	85
	Histogram	Y
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- Waveform: Multi, Y, YCbCr, RGB, OFF
- Peaking: OFF, ON
- Peaking Color: Red, Green, Blue, White
- Peaking Level: 0—100
- False Color: OFF, ON
- Exposure: OFF, ON
- Exposure Level: 0-100
- Histogram Y, RGB, Color
- Time Code: Off, LTC, VITC (SDI only)

AUDIO		
	Volume	50
	Level Meter	OFF
	Audio Ch	Ch1&Ch2
		

- Volume: 0-100
- Level Meter: OFF, ON (Defaults to ON in Waverform)
- Audio Ch (SDI only): Ch1&Ch2, Ch3&Ch4, Ch5&Ch6, Ch7&Ch8, Ch9&Ch10, ChH11&Ch12, Ch13&Ch14, Ch15&Ch16

SYSTEM		
	Language	English
	HDMI/SDI Convert	OFF
	Color Bar	OFF
	OSD Time	10s
	Back Light	100
	Fan	Low
	Reset	OFF
		

- Language: English, Chinese
- HDMI/SDI ConverT: OFF, ON
- Color Bar: OFF, 100%, 75%
- OSD Timer: 10s, 20s, 30s
- Back Light: 0-100
- Fan: Low, High
- Reset: OFF, ON

## TROUBLE SHOOTING

1. No Image
  - Ensure that the cables are properly connected.
  - Use the standard power adapter that is included as improper voltage input may cause damage or injury.
2. Incorrect or Abnormal Colors
  - Ensure that the cables are properly connected.
  - Check the signal source video output.
  - Check Saturation for appropriate setting.
  - Ensure Check Field is set to color or mono as required.
  - Reset image ratio.
3. Image Size Error
  - Go to Menu/Function/Underscan to zoom in and out of pictures automatically for HDMI signals
3. No Sound
  - Supports audio signal only in embedded HDMI and SDI input.
  - Ensure that the cables are properly connected.
  - Check volume control.