

# DELV CAM<sup>®</sup>

## Delvcam DELV-3GHD-17IRM User Guide



**17-Inch Rackmount 3G-SDI LCD Monitor  
with HDMI-SDI Cross Conversion**

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## IMPORTANT SAFETY INSTRUCTIONS

- Read manual before using this product.
- Keep manual for future reference.
- 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

### Cross Conversion Function

HDMI/SDI Cross Conversions

### High Quality Image

1902 x 1080 resolution and 700:1 contrast ratio

### Wide Viewing Angles

178°/178° H/V

### Rugged Slim Design with Grip Handles

Durable black powder-coated steel cabinet

## INCLUDED ACCESSORIES

- Frame Bracket
- 15VDC/2.5A Power Adapter
- Battery Plate Bracket
- V-Mount
- Tally Connector





## SPECIFICATIONS

Display Screen:	17.3 inch LCD screen, LED backlight
Resolution:	1920 x 1080
Brightness:	300cd/m <sup>2</sup>
Aspect Ratio:	16:9
Contrast:	700:1
Viewing Angle:	178° / 178° (H/V)
Inputs:	HDMI, SDI, Video, Audio
Outputs:	HDMI, SDI, Video
HDMI Formats:	480i(59.94/60), 576i(50), 480p(59.94/60) 576p(50)720p(25/29.97/30/50/59.94/60) 1080i(50/59.94/60) 1080p(23.976/23.98/24/25/29.97/30/50/59.94/60)
SD Formats:	525i(59.94), 625i(50) 1080i (50/59.94/60), 1080p(23.98/24p/25p/29.97p/30p) 1080 sF (23.98/24/25/29.97) 720p (50/59.94/60/25/29.97/30)
Audio:	Stereo Earphone Jack
Speaker:	Mono, Right Channel
Input Voltage:	12-18VDC (XLR)
Power Consumption:	15W
Backlight:	LED
Mount:	VESA 75x75/100x100
Dimensions (LxHxD):	17.48 x 10.39 x 1.28 in / 444 x 264 x 32.5 mm
Weight:	7.5 lb./3.4 kg

# MONITOR FRONT



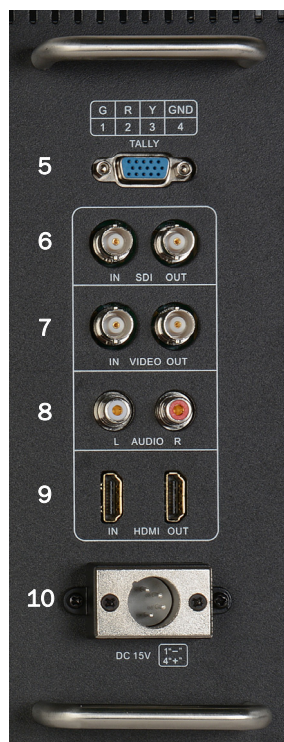
- 1 MENU
- 2  Select Menu Option
- 3  Select Menu Option
- 4 ENTER Confirms Menu Option Selection
- 5 F1-F2 User Definable Buttons
- 6 VIDEO Select Button
- 7 HDMI Select Button
- 8 SDI Select Button
- 9 Power LED Indicator
- 10 Earphone Jack



# MONITOR REAR



- 1 Handle
- 2 USB (Factory use only)
- 3 VESA 75 x 75/ 100 x 100 Mount
- 4 Connector Protector Bar
- 5 Tally Port
- 6 SDI Input/Output
- 7 Composite Video Input/Output
- 8 Audio L/R Input
- 9 HDMI Input/Output
- 10 4-Pin XLR Power Port



## FEATURE SETTINGS

1. Turn power ON.
2. Press MENU.
3. Press the up or down button to scroll through Function Menus
4. Press ENTER to select a Function Menu.
5. Press the up or down button to highlight feature.
6. Press ENTER to select the feature.
7. Press the up or down button to scroll through feature options.
8. Press ENTER to Confirm
9. Press MENU to exit.

## USER DEFINABLE FUNCTION BUTTONS

### Default Settings:

F1 Level Meter F2 Histogram

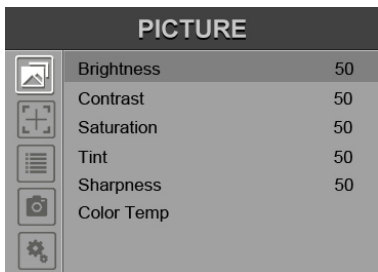
### Other Settings:

Aspect Marker	Check Field	Histogram	Pixel-to-Pixel
Aspect Ratio	Exposure	Image Flip	Safety Marker
Camera	False Color	Level Meter	Underscan
Center Marker	Freeze Input	Peaking	

### To Set F1 and F2 Buttons


1. Press and hold either the F1 or F2 button until the shortcut menu appears in upper right portion of the screen.
2. Select option by pressing the up or down buttons.
3. Press ENTER to confirm.
4. Repeat for other function button.

## FUNCTION MENUS









- Brightness 0-100
- Contrast 0-100
- Saturation 0-100
- Tint 0-100
- Sharpness 0-100
- Color Temp: 6500°/7500°/9300°K/User  
- Red/Green/Blue, choose color in User mode








## FUNCTION MENUS Continued

MARKER		
	Marker Enable	ON
	Center Marker	ON
	Aspect Marker	16 : 9
	Safety Marker	93%
	Marker Color	Red
	Marker Mat	1
	Thickness	3








- Marker Enable: ON, OFF
- Center Marker: ON, OFF
- Aspect Marker: OFF, 16:9, 4:3, 14:9, 13:9, 15:9, 1.85:1, 2.35:1
- Safety Marker: OFF, 95%, 93%, 90%, 88%, 85%, 80%
- Marker Color: Red, Green, Blue, White, Black
- Marker Mat: Off, 1-7
- Thickness: 1-7

DISPLAY		
	Aspect Ratio	Full Screen
	Check Field	OFF
	Pixel-to-Pixel	OFF
	Underscan	OFF
	Image Flip	OFF
	Freeze Input	OFF

- Aspect Ratio: Full Screen, 4:3
- Check Field: OFF, Mono, Red, Green, Blue
- Pixel-to-Pixel: OFF, ON
- Underscan: OFF, ON
- Image Flip: OFF, ON
- Freeze Input: OFF, ON

DSLR AUX&AUDIO		
	Camera	1080I
	Peaking	OFF
	Peaking Color	Red
	Peaking Level	50
	False Color	OFF
	Exposure	OFF
	Exposure Level	50

- Camera: OFF, 480P, 1080I
- Peaking: OFF, ON
- Peaking Color: Red, Green, Blue, White, Black
- Peaking Level: 0-100
- False Color: OFF, ON
- Exposure: OFF, ON
- Exposure Level: 0-100
- Histogram: OFF, ON
- Level Meter: OFF, ON
- Volume: 0-100

SYSTEM		
	LOGO	ON
	Language	English
	HDMI/SDI Convert	OFF
	3G Format	Normal
	Manufacturer Default	OFF
	Back Light	100
	ISP	

- Logo: OFF, ON
- Language
- HDMI/SDI Conversion: OFF, ON
- 3G Format: Normal, GBRA444 10Bit, YCbCrA444 10Bit, YCbCrA422 12Bit, GBR444 12Bit, YCbCr444 12Bit (SDI mode only)
- Manufacturer Default: OFF
- Backlight: 0-100
- ISP: Program Upgrades

## **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.
- Check that the correct input is selected.

### **2. Black and White Image Only**

- Check color saturation, brightness and contrast settings.
- Check cables, grounding is critical when viewing composite video.

### **3. Incorrect or Abnormal Colors**

- Ensure that the cables are properly connected.
- Check the signal source video output.

### **4. No Sound**

- Supports audio signal only in embedded HDMI and SDI input.
- Ensure that the cables are properly connected.
- Check volume level and volume control.