

# Delvcam DELV-SDI-7



# 7"Advanced Function 3G-SDI Camera-Top LCD Monitor



#### 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**

# **High Quality Image**

High contrast, 800:1, native resolution 1024x600, supports up to 1920x1080

#### **Fully Mutli-Format**

3G-SDI, YPbPr, HDMI, Composite Video, Audio

# **HDMI Output Eliminates Need for Splitters**

Allows for duplication of video content on a second monitor

# **HDMI** using HDCP signals are not supported

#### **Flexible Frame Rates**

#### **INCLUDED ACCESSORIES**

- Flexible Folding Sunshade Cover
- Battery Plate QM91D
- Battery Plate F-970
- HDMI Type A-C
- DC Adapter
- Shoe Mount Adapter

#### **OPTIONAL ACCESSORIES**

- Battery Plates: Anton Bauer/V-Mount, DU21
- Shoe Mount
- Li-Ion Battery
- DELV-ABBC-21
- DELV-Magicarm

#### 24PFS,25FPS,30FPS,50FPS and 60FPS

# **SPECIFICATIONS**

Display Screen:	7 inch LCD, LED backlight
Resolution:	1024x600, supports up to 1920x1080
Brightness:	250cd/m <sup>2</sup>
Aspect Ratio:	16:9
Contrast	800:1
Viewing Angle:	160°/ 150°(H/V)
Input Signal:	3G-SDI, HDMI, YPbPr, Video, Audio
Output Signal:	3G-SDI, HDMI, Video
Supported Formats	
YPbPr:	480i/59.94Hz; 480p/59.94Hz; 576i/50Hz; 576p/50Hz; 720p/50Hz; 720p/59.94Hz; 720p/60Hz; 1080i/50Hz; 1080p/59.94Hz; 1080i/59.94Hz; 1080i/60Hz
HDMI:	480i/59.94Hz; 480p/59.94Hz; 576i/50Hz; 576p/50Hz; 720p/29.97Hz; 720p/30Hz; 720p/50Hz; 720p/59.94Hz; 720p/60Hz; 1035i/59.95Hz; 1035i/60Hz; 1080p/23.98Hz; 1080p/24Hz; 1080p/25Hz; 1080p/29.97Hz; 1080p/30Hz; 1080i/50Hz; 1080p/59.94Hz; 1080i/59.94Hz; 1080i/60Hz
HD-SDI:	480i/59.94Hz, 576i/50Hz, 720p/50Hz, 720p/59.94Hz, 720p/60Hz, 1080i/50Hz, 1080p/50Hz, 1080i/59.94Hz, 1080p/59.94Hz, 1080i/60Hz
Audio:	Speaker
Input Voltage:	12VDC (XLR)
Power Consumption:	10W
Dimensions (LxHxD):	7.66x5.91x1.52 in
Weight:	1.06 lbs/1.41 lbs (with cover)

#### MONITOR FRONT



- 1 Power LED Indicator (red is on)
- 2 Video Signal
  - 3 YPbPr Signal
  - 4 HDMI Signal
  - 5 SDI Signal
- 6 4 User Definable Buttons
- 7 Menu Select/Brightness
- 8 Menu Options/Saturation
- 9 Tint
- 10 Contrast



#### MONITOR REAR



Pin Number

1	GND
2 3	
4	+12V



- 1 SDI Output
- 2 Video Output
- 3 Video Input
- 4 Audio Input
- 5 SDI Input
- 6 Y Input
- 7 Pb Input
- 8 Pr input
- 9 HDMI Output
- 10 HDMI Input
- 11 Battery Plate
- 12 DC Power Input
- 13 4-Pin XLR DC Power Input
- 14 Battery Power On/Off Switch

#### **OPERATION**

- 1. Turn power ON.
- 2. Press MENU Select (BRI/M/SEL), then rotate MENU dial to scroll through menu selections.
- 3. Press MENU Options (SAT/ADJ), then rotate to make selection.

#### **SETTINGS**

# **FUNCTION**



Color Temp	6500°/7500°/9300°K—Red/ Green/Blue available in User Mode
Check Field	OFF, MONO, Red, Green, Blue
Aspect Ratio	Full Screen, 4:3, 16:9
Pixel-to-Pixel	ON/OFF
Camera	480P (5DII) /1080I (5DIII Mode)
H/V Delay	OFF, H&V Delay, V Delay, H Delay
Underscan	ON/OFF

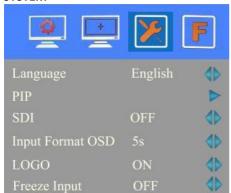
#### MARKER



Center Marker	OFF, ON
Screen Markers	OFF, 95%, 93%, 90%, 88%, 85%, 80%

# **SETTINGS**

# **SYSTEM**



Language	English, Chinese
PIP	Small, Medium, Large—can adjust source, position, and swap
	PBP, POP—can adjust
SDI	ON/OFF
Input Format OSD	5s, 10s, 15s
Logo	ON/OFF
Freeze Input	ON/OFF
Image Flip	ON/OFF
Peaking	Mono/Color
Asst Func	Manual/AUto
Man Default	OK/Cancel
ISP	Factory Use Only

# **SETTINGS**

# **USER DEFINABLE BUTTONS**





F1—F4 User Definable Options	Aspect Ratio Camera Center Marker Check Field Color Bar Exposure False Color Freeze Input Histogram H/V Delay Peaking PIP Pixel to Pixel Screen Marker Underscan Zoom
R1-R4 User Definable Options	Brightness Contrast Saturation Sharpness Tint

#### 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.
- If you are using and HDMI signal with HDCP-encryption, HDCP-encrypted HDMI signals are not supported

#### 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.



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