



LVM-074W

Lightweight High Resolution 7" HD LCD Monitor

PRODUCT SUMMARY



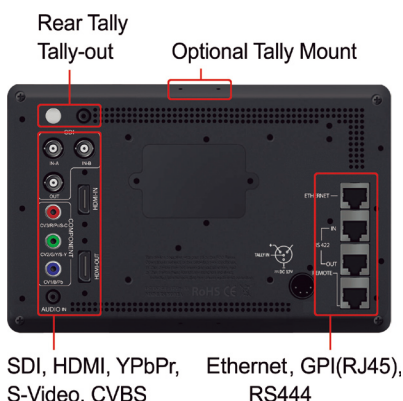
SDI-A	F1	MARKER	POWER	BRIGHT
SDI-B	F2	H/V DELAY	EARPHONES	CONTRAST
HDMI	F3	BLUE / MONO	PGM	F5 / VOLUME
ANALOG	F4	MAX BRIGHT		ENTER
SCAN		MENU / EXIT		(DOWN / UP)
ASPECT		W-FORM / VECTOR		

Smart and Easy

The LVM-074W is a new 7" high resolution (1024 x 600) portable field / camera-top monitor with Multi-Format inputs (3G/HD/SD-SDI, CVBS, Component Video, S-Video and HDMI).

Combined with TVlogic's advanced image processing technology and high performance LCD panel, the LVM-074W reproduces sharper image. Also, a wide 170 degree viewing angle reduces color shift due to the viewing angle. The LVM-074W offers various smart features like Waveform, Vector scope, Closed Caption, Time Code and UMD. Also this new monitor has innovative features for camera assist including Focus Assist, Range Error, Luma(Y') Zone Check, H/V Flip mode and Color Fast Sensor.

All these wonderful functions can be controlled very easily with 4 Encoder Knobs, Assignable function keys, Headphone and USB on front.



SDI, HDMI, YPbPr, Ethernet, GPI(RJ45), S-Video, CVBS RS444

Multiple and Variety

The LVM-074W supports various video input signals through SDI (3G/HD/SD-SDI), HDMI and Analog signals including CVBS, S-Video, Component Video and RGB. And it is compatible with all major broadcasting formats of NTSC, PAL and SECAM.

TVlogic also provides various optional accessories including Sun-Hood, Acrylic Screen Protector and Carrying Case for professional shooters.

Light and Flexible



By utilizing light and solid magnesium case, the LVM-074W provides a robust and lightweight design, weighing in at only 600g with excellent heat radiation. Moreover, this slim and all-in-one type monitor offers high space efficiency and the monitor is rack-mountable using an optional rack mount kit. In addition, the LVM-074W has the mounting holes on left, right and bottom so it provides the most convenient mounting on or near the camera.

Also, the LVM-074W has diverse powering options like DC input and various external batteries with optional V-Mount bracket so the LVM-074W is ideal for indoor and outdoor shooting.

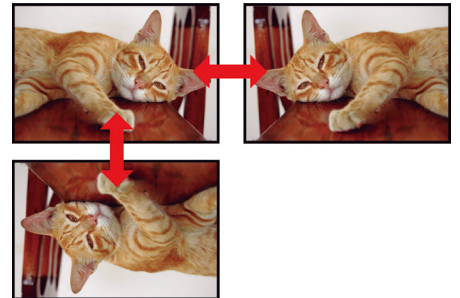
USER ORIENTED

Weather Adaptive Color (ColorFast Sensor)

With the Weather Adaptive Color function which automatically corrects White Balance Drift due to hot or cold weather, the LVM-074W offers optimized color temperature that is essential to various outdoor shooting environments.



H/V Flip (Auto 180° pivot screen)



The LVM-074W has a function to flip an image horizontally or vertically without any external converter. This feature is useful for monitoring when the monitor is mounted on the camera system.

HDMI to SDI Active Loop Through



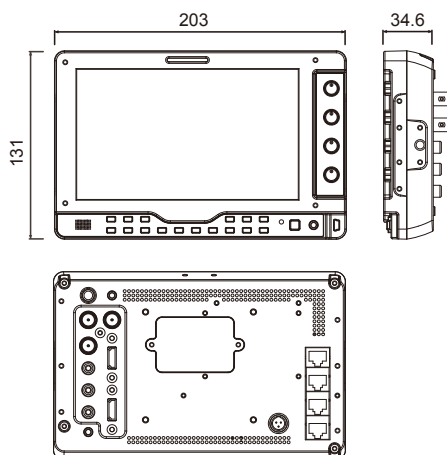
< LVM-074W > Other Functions

- Focus Assist
- Advanced Markers
- Scan Modes
- Pixel to Pixel Mode
- Zoom
- DSLR Scale (Optimized for Canon DSLRs)
- Waveform / Vector Scope
- Range Error
- Luma(Y') Zone Check

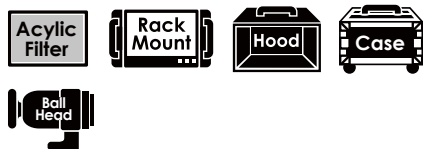
< 2nd Monitor >

Main body Dimensions

– Weight : 0.6 kg / 1.32 lbs



Optional Accessories



Specifications

LCD

Size	7"
Resolution	1024 x 600 (16 : 9)
Pixel Pitch	0.15 mm
Color Depth	16.7M (True 8bit)
Viewing Angle (Typ.)	170°(H) / 170°(V)
Luminance (Max.)	400cd/m ² (center)
Contrast Ratio	800:1
Display Area	154(H) x 90(V) mm

Input

1 x HDMI	HDMI Input
3 x RCA	Analog Video Input
2 x BNC	SDI 2 Channel Input

Output

1 x BNC	SDI Channel Output (SDI → SDI Active Loop Through)
1 x HDMI	HDMI → HDMI, HDMI → SDI Active Loop Through

Input Signal

Analog	CVBS / S-Video / Component Video/ RGB
3G-SDI	2.97 Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
HDMI	480i / 480p / 720p / 1080i / 1080p

Analog Input Spec

CVBS	1.0Vpp (With Sync)
S-Video	1.0Vpp (Y With Sync), 0.286Vpp (C)
Component Video	1.0Vpp (Y With Sync), 0.7Vpp (Pb,Pr)

SDI Input Signal Formats

SMPTE-425M-A/B	1080p (60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF) / 1080i (60/59.94/50)
SMPTE-274M	1080i (60/59.94/50) 1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPTE-296M	720p (60/59.94/50)
SMPTE-260M	1035i (60/59.94)
SMPTE-125M	480i (59.94)
ITU-R BT.656	576i (50)
Audio IN	Embedded Audio / Analog stereo (Phone Jack)
Audio OUT	Analog stereo (Phone Jack) / Internal Speaker (Mixed Mono)
Power	DC 12V
Power Consumption (Approx.)	TBD
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Accessory	AC Power Cord / DC Power Adaptor / Camera Mount Support

* Specifications above may be updated without prior notice.

Model Comparison

Features	LVM-071W	LVM-074W
Optional Battery Bracket	o	o
Focus Assist	o	o
Markers	o	o
3G-SDI	x	o
Waveform/Vector Scope	x	o
Range Error	x	o
Luma(Y') Zone Check	x	o
HDMI Active Loop Through via HD-SDI out connector	x	o

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