

# 5.5" FHD OLED Viewfinder Monitor

## VFM-055A



The VFM-055A is a 5.5-inch OLED (organic LED) on-camera viewfinder monitor with native 1920x1080 resolution. It offers truly cinematic image quality with deep blacks, wide-gamut color reproduction, a very wide viewing angle, and support for multiple video formats via 3G-SDI and HDMI 1.4 inputs. Useful functions include cinema camera log-to-linear LUT conversion, HDMI-SDI cross-converted output, waveform and vector scope, markers, focus assist, audio level meters and more.

### VARIOUS OPTIONS



Optional Battery Bracket

- BB-056U (Sony:BP-U30/U60)
- BB-056C (Canon:BP930/945/970G)
- BB-056E (Canon:5D/7D)-2EA
- BB-056P (Panasonic:D28S/54S)
- BB-056B (Panasonic:AF-100)-2EA

Built-in Battery Bracket  
(Sony : NP-F770 / F970)

Size	5.5"
Resolution	1920×1080(16:9)
Pixel Pitch	0.063(H)×0.063(V)mm
Color Depth	16.7M
Viewing Angle (Typ.)	160°(H)/160°(V)
Luminance (Max.)	350cd/m <sup>2</sup>
Contrast Ratio	17,000:1
Display Area	121.4(H)×68.3(V)mm

### FEATURES

- 5.5" Full HD Resolution (1920×1080)
- OLED (Organic LED)
- Luminance up to 350cd/m<sup>2</sup>
- Contrast Ratio of 17,000:1
- Accurate Color Reproduction
- Camera LUTs support
- HDMI ↔ SDI cross conversion
- Built-in battery bracket (Sony L-series)
- Various optional Accessories
- Firmware update by USB Stick
- TVLogic Color Calibration Utility
- Audio Level Meter Display
- Luma(Y') Zone Check
- Key Lock
- H/V Delay
- Time Code Display
- Various Scan Modes
- Waveform / Vectorscope
- Zoom
- Marker
- Mono
- Range Error
- User Aspect
- H/V Flip

### Main Body Dimensions

- Main Body : 156 x 98 x 28.5 (mm)  
6.14 x 3.85 x 1.12 (inch)
- Weight : 0.34kg / 0.74lbs

## Deepest Black

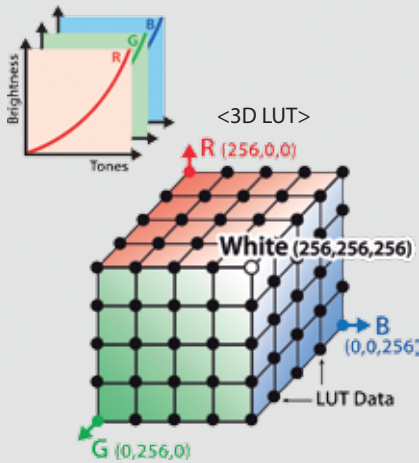
Due to its nature characteristics, LCDs have color desaturation in the low color levels. In other words, dark colors may appear to be relatively dull than the actual scene. VFM-055A bring back the lost colors in the dark scenes with accurate color reproduction and high contrast.



## 3D LUT

- 3D LUT for Accurate Color Reproduction

<Standard LUT>



## Camera Look-Up Tables (LUT)

The VFM-055A supports various Camera LUTs from the major camera manufacturers, such as Sony, Canon, Arri, and RED. You can easily preview images with the diverse LUTs applied, including S-Log1, S-Log2, S-Log3, Log-C, C-Log, RED Gamma3 and RED Gamma4.

## SDI ↔ HDMI Cross Conversion



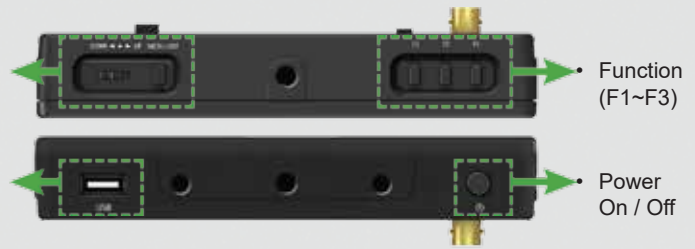
## Markers

- Types : OFF, 16:9, 4:3, 4:3 On-Air, 15:9, 14:9, 13:9, 1.85:1, 2.35:1, 1.85:1 & 4:3
- Safety Area : 80%, 85%, 88%, 90%, 93%, 100%, EBU Action 16:9/14:9/4:3, EBU Graphic 16:9/14:9/4:3
- Marker Mat : darkness level outside the marker, OFF(transparent) ~ 7(Black)
- Custom : Color, thickness, position

## Design / Control keys / Interface

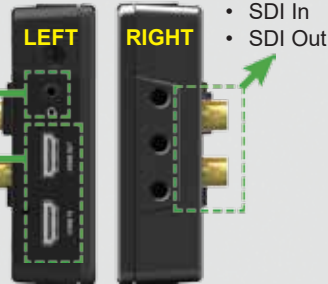
### Top/Bottom

- Scroll Wheel  
Down / Enter / Up
- Menu / Exit
- USB (Firmware Update / Color Calibration)



### Side

- Audio Out
- HDMI In
- HDMI Out



### Front



VFM-055A	
<b>Input</b>	
1 x BNC	SDI Input
1 x HDMI	HDMI Input
<b>Output</b>	
1 x BNC	SDI Output, HDMI to SDI conversion output
1 x HDMI	HDMI Output, SDI to HDMI conversion output
<b>Input Signal</b>	
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
HDMI	1080p(60/59.94/50/30/25/24/23.98)/1080i(60/59.94/50)/720p(60/50)/480i(60)/480p(60)/576i(50)/576p(50)/640×480/720×400/800×600/1024×768/1280×768/1280×1024/1366×768
<b>SDI Input Signal Formats</b>	
SMPTE-425M-A/B	1080p (60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)
SMPTE-274M	1080i(60/59.94/50)
	1080p(30/29.97/25/24/24sF/23.98/23.8sF)
SMPTE-296M	720p(60/59.94/50)
SMPTE-260M	1035i(60/59.94)
SMPTE-125M	480i(59.94)
ITU-R BT.656	576i(50)
2K Format	2048×1080p(24/24sF/23.98/23.98sF)
Audio IN	Embedded Audio
Audio OUT	Analog stereo (Phone Jack) / Internal Speaker(Mono)
Power	DC 12V
Power Consumption (Approx.)	TBD
Operating Temperature	0°C to 45°C(32°F to 113°F)
Storage Temperature	-20°C to 60°C(-4°F to 140°F)
Accessory	AC Power Cord / DC Power Adaptor / Camera Mount Support / Acrylic Protector

## Optional Accessories

