

# PHASE | TV Logic: VFM Series

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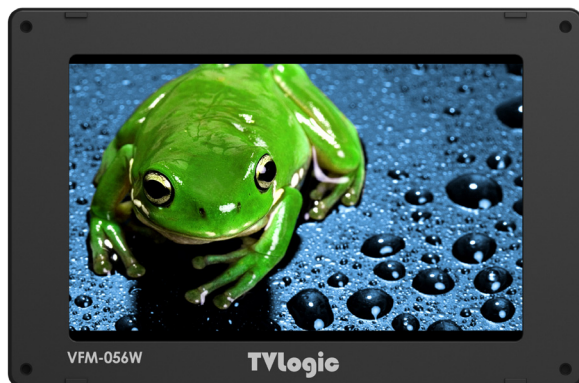


# Viewfinder LCD Monitors

## VFM-056WP

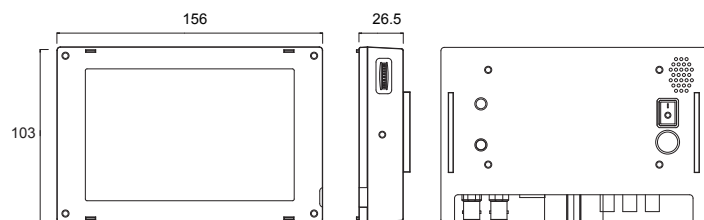


**TVlogic®** Always ON-AIR



### Main body Dimensions

- Main Body : 156 x 103 x 26.5 (mm) / 6.14 x 4.06 x 1.04 (inch)
- Weight : 0.3kg / 0.66lbs



### LCD

|                      |                               |
|----------------------|-------------------------------|
| Size                 | 5.6"                          |
| Resolution           | 1280 x 800 (16 : 10)          |
| Pixel Pitch          | 0.0945mm                      |
| Color Depth          | 16.7M                         |
| Viewing Angle (Typ.) | 170°(H) / 170°(V)             |
| Luminance (Max.)     | 300cd/m <sup>2</sup> (center) |
| Contrast Ratio       | 500:1                         |
| Display Area         | 121(H) x 76(V) mm             |

### 5.6" Light Weight Compact Viewfinder

The VFM-056WP is available in two configurations and is ideal for HD-SLR production. A 6"x 4"x 1" lightweight magnesium-alloy case houses a 5.6" 1280x800 LED backlight LCD display with a full complement of preferred features including DSLR Scale, Focus Assist, Various Scan Modes, Markers, Audio Level Meter with speaker, Timecode Display, HDMI loop out via HD-SDI (720p), Waveform/Vectorscope, Y Level Check and Range Error Check.



### Product Highlights

- 5.6" 1280x800 (16:10) Resolution
- Magnesium Housing + Light Weight
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- Focus Assist
- H/V Delay
- Luma(Y) Zone Check
- Marker
- Max Brightness On / Off
- Mono
- Range Error
- Temperature Adaptive Color
- Time Code Display
- User Aspect
- Various Scan modes
- Waveform/Vectorscope
- Zoom

### Input

|          |                    |
|----------|--------------------|
| 3 x RCA  | Analog Video Input |
| 1 x BNC  | SDI Channel Input  |
| 1 x HDMI | HDMI(1.2Ver) Input |

### Output

|        |                               |
|--------|-------------------------------|
| 1x BNC | HDMI-to-SDI conversion output |
|--------|-------------------------------|

### Input Signal

|        |                                                                                                       |
|--------|-------------------------------------------------------------------------------------------------------|
| Analog | CVBS / S-Video / Component Video                                                                      |
| 3G-SDI | 2.970Gb/s                                                                                             |
| HD-SDI | 1.485Gbps                                                                                             |
| SD-SDI | 270Mbps                                                                                               |
| HDMI   | 1080p (24/25/30/50/60)/1080i(50/60)/720p (50/60)/480i(60)/480p(60)/576i(50)/576p(50) & VESA/IBM Modes |

### Analog Input Spec

|                 |                                                 |
|-----------------|-------------------------------------------------|
| CVBS            | 1.0Vp-p (With Sync) NTSC. PAL                   |
| S-Video         | 1.0Vp-p (Y With Sync), 0.286/0.300 Vp-p(Chroma) |
| Component Video | 1.0Vp-p (Y With Sync), ±350mV (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)<br>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                                                                              |
| Audio Out                   | Analog Stereo (Phone Jack) / Internal Speaker (Mixed Mono)                                  |
| Power                       | DC 12V/3A (Max 6.0A)                                                                        |
| Power Consumption (Approx.) | 8.4Watts(Typ.)                                                                              |
| 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 / BNC Connector / Camera Mount Support                     |

\* Specifications may be changed without notice.

### Optional Accessories



# Viewfinder LCD Monitors

## VFM-058W

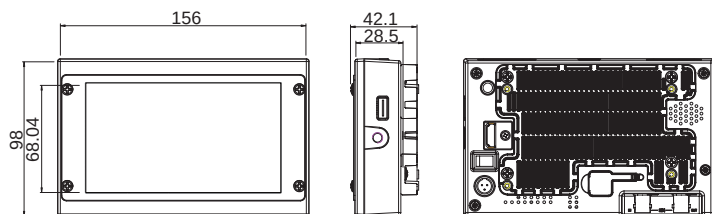


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### Main body Dimensions

- Main Body : 156 x 98 x 28.5 (mm) / 6.14 x 3.85 x 1.12 (inch)
- Weight : 0.34kg / 0.74lbs
- Weight (heatsink) : 0.12kg / 0.26lbs



### LCD

|                      |                             |
|----------------------|-----------------------------|
| Size                 | 5.5"                        |
| Resolution           | 1920 x 1080 (16 : 9)        |
| Pixel Pitch          | 0.063mm                     |
| Color Depth          | 16.7M                       |
| Viewing Angle (Typ.) | 160°(H) / 160°(V)           |
| Luminance (Max.)     | 450cd/m <sup>2</sup> (Typ.) |
| Contrast Ratio       | 1000:1                      |
| Display Area         | 121(H) x 68(V) mm           |

### 5.5" Full HD Viewfinder

The VFM-058W, the lightweight viewfinder monitor, offers an outstanding picture quality with 5.5" LCD and Full HD resolution of 1920 x 1080. Innovative and ergonomic design of VFM-058W makes you comfortable in the shooting environment and its light solid magnesium case achieves the highest efficiency of ventilation. The VFM-058W supports multi-formats including 3G/HD/SD-SDI and HDMI that offers a wide application range from DSLR cameras to Pro camcorder for broadcasting and movie shooting. The VFM-058W has various features such as Max Brightness function, Temperature Adaptive Color, HDMI-to-SDI conversion output, 1:1 pixel mode, Luma(Y') Zone Check function, DSLR Scale, Waveform/Vectorscope, Range Error, Focus Assist, Markers, Audio Level Meter with speaker and Timecode display.



### Product Highlights

- 5.5" 1920x1080 (16:9) Resolution
- HDMI ↔ SDI cross conversion
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- Focus Assist
- H/V Delay
- H/V Flip
- Key lock
- Luma(Y') Zone Check
- Marker
- Max Brightness On / Off
- Mono
- Range Error
- Temperature Adaptive Color
- Time Code Display
- User Aspect
- Various Scan modes
- Waveform/Vectorscope
- Zoom

### Input

|          |                    |
|----------|--------------------|
| 1 x BNC  | SDI Input          |
| 1 x HDMI | HDMI(1.2Ver) Input |

### Output

|         |                               |
|---------|-------------------------------|
| 1x BNC  | HDMI-to-SDI conversion output |
| 1x HDMI | HDMI Output                   |

### Input Signal

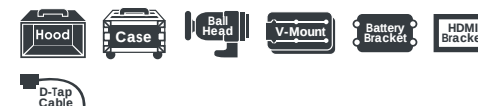
|        |                                                                                                      |
|--------|------------------------------------------------------------------------------------------------------|
| 3G-SDI | 2.970Gb/s                                                                                            |
| HD-SDI | 1.485Gbps                                                                                            |
| SD-SDI | 270Mbps                                                                                              |
| HDMI   | 1080p (24/25/30/50/60)/1080i(50/60)/720p(50/60)/480i(60)/480p(60)/576i(50)/576p(50) & VESA/IBM Modes |

### 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)<br>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                                                                                |
| Audio Out                   | Analog Stereo (Phone Jack) / Internal Speaker (Mono)                                          |
| Power                       | DC 12V/3A (Max 6.0A)                                                                          |
| Power Consumption (Approx.) | 9.6Watts(Typ.)                                                                                |
| 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 Adapter / Camera Mount Support / BNC Connector / Acrylic Protector   |

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### Optional Accessories



EXCLUSIVE REPRESENTATIVE:

TVlogic





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