

HDVF-EL780

Full HD 7.4-inch OLED viewfinder



Overview

Featuring a Full HD 1920 x 1080 7.4-inch OLED display panel, the HDVF-EL780 viewfinder is ideal for 4K/HD live productions when used in conjunction with Sony studio system cameras. A new digital interface supports 1080p direct signal transfers from the latest HDC studio camera, HDC-5000 while the viewfinder also retains a traditional analogue interface for compatibility with other cameras. The new viewfinder mechanism offers a wider up-and-down movement range. Further operational advantages include convenient display of camera head menus and control of camera functions via six assignable switches on the viewfinder for bespoke setups. By this new panel device adoption, the HDVF product body size becomes thinner.

Features

Simple cable-free installation

Viewfinder installation is quick and easy, by simple instant installation mechanism without the need for a dedicated camera cable.

Full HD 1920 x 1080 7.4-inch OLED panel ideal for 4K/HD live production with Sony studio cameras

The HDVF-EL780 Full HD 7.4-inch OLED viewfinder is ideal for use in live production configurations in conjunction with the full range of Sony 4K and HD studio system cameras. The 1920 x 1080 resolution OLED panel enables highly accurate focusing.

The viewfinder also features an integral hood to help minimise glare in outside field operations, together with a protective panel on the OLED display panel surface.

New digital interface with camera head

A new digital interface allows direct 1080p signal transfers when using the viewfinder in combination with the latest HDC series camera models. There's also a standard analogue interface to accept analog video signal from earlier generation camera models.

Note: The combination with HDLA on its saddle assembly works only while using analogue interface.

Wide movement of counter balanced mechanism

The HDVF-EL780 features an improved mechanism with a much wider up-and-down movement range as well as the front and rear sliding system. Up-and-down movement is achieved by a unique counter-balanced lifting mechanism that allows seamless positioning over a wide range.

Combined flexible operation including camera head menus

Camera head menus for new Sony HDC series camera models can be operated via the viewfinder panel. Most functions can be assigned to dedicated switches on the viewfinder panel, allowing the operator to concentrate on a single display view. Also, the camera side can control the HDVF menus.

Assignable switches on bezel and handles

The HDVF-EL780 offers a total of six assignable switches for convenient operation, with four on the handles and a further two switches on the viewfinder bezel. Switch functions can be chosen from the combined camera menus.

Boosted Brightness Mode (BBM)

The high-brightness OLED panel allows display brightness level to be boosted up to 700 cd/m² for ease of use in outdoor

environments or other conditions with bright ambient lighting.

Colour temperature adjustment

Colour temperature settings for the viewfinder display can be adjusted between 3200K and 9500K in 100K increments to suit operational requirements.

Flicker suppression

A operator-switchable flicker suppression function reduces flicker that can occur with low vertical frequency input signals.

Camera number display

The camera number can be indicated via a dot matrix LED display according to camera settings, in addition to the selection by the lighting through a plastic sheet.

Waveform monitor function (WFM)

Input signal waveform can be displayed within the viewfinder sub-display, enabling all-in-one picture control monitoring for precise exposure control. 2x MAG output on the viewfinder panel is available while selecting the required position out of 5 positions.

Integral removable hood

The viewfinder is supplied with an integrated hood which has a filled nylon filament fabric material on the hood inside surface. The hood has a function to lift up the top brim part. AVFH-790 is also available as an option for outdoor use.

Specifications

General

Power requirements	10.5 V to 17.0 V DC (supplied by the camera)
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Power consumption	13.5 W (BBM ON: 15.5 W)
Operating temperature	-20°C to +45°C (-4°F to +113°F)
Storage temperature	-20°C to +60°C (-4°F to +140°F)
Mass [Hood is not included.]	3.2 kg (7 lb 1 oz)
Dimensions (W x H x D) [Hood is not included.]	308.7 x 232.6 x 296.4 mm (12 1/4 x 9 1/4 x 11 3/4 inches)

Display Unit

Panel	7.4-inch (188 mm) color OLED panel
Effective picture size [H/V, 16:9 aspect ratio]	164 × 92 mm (6 1/2 × 3 5/8 inches)

Performance

Brightness [peak brightness, typical]	315 cd/m ² in normal mode (BBM ON: 700 cd/m ²)
Resolution	1920x1080
Color temperature	D65

Connectors

Camera connector D-sub 25-pin (x1)

Supplied Accessories (piece)

Indoor Hood (1)

Number Plate (1)

Cleaning Cloth (1)

Sheet of Before Using This Unit (1)

Operation Manual, CD-ROM (1)

Related products



VFH-790

Sony View Finder Hood



HDLA-3505

Large Lens Adaptor



HDLA-1500

HD Large Lens Adaptor



HDLA1507

Large viewfinder adaptor

Gallery

