

HDVF-EL75

7.4-inch OLED Viewfinder for portable cameras



Overview

Stunning OLED image quality

The 7.4-inch* HDVF-EL75 Viewfinder delivers strikingly high contrast, a wide dynamic range, and a fast response time thanks to the use of revolutionary Organic Light Emitting Diode (OLED) display technology.

OLED panels help prevent light emission when reproducing dark shades, resulting in very deep blacks and a contrast ratio of more than 1,000,000:1. The lack of a backlight allows the device to control all phases of light emission from zero to peak brightness. The innovative technology delivers exceptional colour expression and detail without wasting power, so it is also an exceptional energy-saver.

High Definition acquisition requires extremely precise focusing, so OLED image quality delivers significant benefits by allowing the operator to accurately see contrast and colour levels when framing a shot. A wide viewing angle aids operator comfort while an extremely fast response time is particularly useful for applications such as sports coverage.

In addition, the HDVF-EL75 is packed with a wide range of sophisticated, user-friendly features such as Focus Assist, four assignable switches and a position-adjustment mechanism with

unprecedented flexibility.

Features

7.4-inch, quarter HD (960 x 540) panel with advanced Organic Light Emitting Diode (OLED) display technology.

Quick response for tracking and focusing on moving objects

High contrast and wide dynamic range, thanks to OLED panel characteristics such as deep black colour reproduction and high-peak brightness

Incorporating a 10-bit panel driver, the OLED panel creates smoother-than-ever gradation from dark to bright portions

Stable and long-term colour reproduction with Sony's unique feedback circuit

Focus Assist function supports accurate focusing

Image Magnification function magnifies just the portion of the image that is in the viewfinder display

Peaking Plus function enhances the edge of an object by colour, area selected, or both

Four assignable switches

Waveform Monitor function

Flexible position adjustment mechanism makes it easy to place the viewfinder to suit the operator - or even fold downwards when not in use

Specifications

General

| | |
|-----------------------|--|
| Power requirements | 10.5 V to 17.0 V DC (supplied by the camera) |
| Power consumption | 19.5 W |
| Operating temperature | -20°C to +45°C (-4°F to +113°F) |
| Mass | 3.5 kg (7 lb 11 oz) |

Display Unit

| | |
|---|-------------------------------------|
| Panel | 7.4-inch (188 mm) colour OLED panel |
| Effective picture size (H/V, 16:9 aspect ratio) | 164 × 92 mm (6 1/2 × 3 5/8 inches) |
| Effective pixels | 960 (H) × 540 (V) × 3 (RGB) |

Performance

| | |
|---------------------------------------|-----------------------|
| Brightness (peak brightness, typical) | 350 cd/m ² |
| Resolution | 500 or more lines |
| Colour temperature | D65 |

Supported Formats

1080

23.98PsF, 24PsF, 25PsF, 29.97PsF,
30PsF, 50i, 59.94i, 60i

720

50p, 59.74p, 60p

Connectors

Camera connector

Round 20-pin (x1)

Supplied Accessories

Indoor hood

Number plate

V-wedge shoe attachment

Hexagonal wrench

4 socket head cap screws

Cleaning cloth

Connecting cable

Operation manual

Related
products



HXC-FB80



HDC-5500



HDCU-



HDC-3500

Three 2/3-inch Exmor™ CMOS sensor
HD colour studio camera

High performance three 2/3-inch 4K CMOS sensor
portable system camera with direct 4K output

5500

IP-ready Camera Control Unit (CCU) for HDC-5500 4K/HD system camera

Three 2/3-inch 4K CMOS sensors
portable system camera for fibre operation



HDC-3100

Three 2/3-inch CMOS sensors
portable system camera for fibre operation

Gallery



