

## HDVF-EL100

High resolution OLED colour viewfinder for HDC-1000 family of system cameras



### Overview

#### **Brilliant New Viewfinder**

The 11-inch (viewable area, measured diagonally) HDVF-EL100 utilises Organic Light Emitting Diode (OLED) technology and is in fact Sony's first non-consumer application of an OLED panel.

Organic Light Emitting Diode (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 an exceptional energy-saver.

OLED provides significant benefits for the HDVF-EL100 as High-definition acquisition requires extremely precise focusing, allowing the operator to accurately see contrast and color levels when framing a shot.

Its pixel resolution is 960 by 540, and it also delivers a wide viewing angle, a wide color gamut and extremely fast response time. Designed especially for professional camera operators' use, a flexible mechanical design allows for comfortable operation, and a "stand-back" feature allows operators to remain a distance from the camera without sacrificing viewing quality.

The viewfinder features a rugged design for the challenging environments often encountered by professional production crews.

## Features

Makes focusing easier for the Camera Operator

### **Fast Response**

Good for tracking and focusing on moving object, especially for Live Sports coverage

### **11" (diagonal) Display**

Comfortable to view for extended periods

### **High Contrast**

Easier to use in difficult ambient lighting conditions

Good operator ergonomics

### **Environmentally friendly**

OLED technology is inherently more environmentally friendly than CRT.

## Specifications

### General

Mass: 4.6 kg (10 lb 2 oz) without the hood

Power requirements: 10.5 to 17 VDC (supplied by the camera)

Power consumption: 37 W

Operating temperature: -20 °C to +45 °C (-4 °F to +113 °F)

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Storage temperature: -20 °C to +60 °C (-4 °F to +140 °F)

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Brightness 300 cd/mm<sup>2</sup> (peak brightness)

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Resolution 500 or more lines

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Y 1.0 Vp-p, synchronous, 75Ω terminated

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1.0 Vp-p, synchronous, 75Ω terminated

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## Connectors

Camera connector D-sub 25-pin

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## Supplied Accessories

Hood

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Number plate

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Cleaning cloth

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Operation manual

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## Gallery

