FCB-EH3150

Product code: FCB-EH3150
Manufacturer: Sony

The flagship camera in the EH range is the FCB-EH6500 which incorporates a 1/2.8-type Exmor™ CMOS image sensor with Full HD (1920 x 1080) resolution, and achieves excellent zooming performance with a 30x optical zoom lens. One other camera in the series, the FCB-EH6300, is equipped with the same image sensor to deliver Full HD resolution with 20x optical zoom capability. The remaining cameras in this series all incorporate a 1/4-type Exmor CMOS image sensor with HD (1280 x 720) resolution. The FCB-EH3310 and FCB-EH3410 models deliver a high quality HD image with great sharpness, which makes them ideal for security applications. And the smallest camera in the FCB-EH Series is the affordable FCB-EH3150. Along with its HD resolution sensor, it features a 12x optical zoom lens. All of these cameras inherit a multitude of features from Sony's world-renowned FCB Series such as Wide-D*, Auto ICR, and Spherical Privacy Zone Masking. With this breadth of choice, it has never been easier to select the right camera from Sony for your specific imaging applications.

The FCB-EH3150 camera incorporate a 1/4-type Exmor CMOS image sensor with HD (1280 x 720) resolution. Features include:

-    **Excellent high-definition (HD) picture quality**

-    **The Exmor CMOS sensor realizes high image quality and high sensitivity**

-    **Powerful zoom capability**

-    **Various output modes**

HD (High Definition)
Analog: Component (Y/Pb/Pr)
Digital: Y/Cb/Cr 4:2:2 via LVDS (Y: 8-bit, C: 8-bit, V-sync, H-sync, Field, and Clock)

SD (Standard Definition)
VBS

- **Simple connection - one cable, one connector**

Covering video, VISCA communication, and power supply with a single cable
Supports 30-pin micro coaxial (digital and analog output) interface
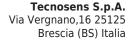
- **StableZoom™**
StableZoom is a function for performing correction using the imagestabilization function in accordance with the zoom ratio, and smoothly zooming up to approximately ×33 using a combination of the optical zoom and digital zoom. In StableZoom mode, this function starts naturally without bringing an abrupt change to the horizontal angle of view.

- **Video mode changes on the fly**
Without any power cycle, this function makes it possible to change the video mode, for example, from 1080p/29.97 to 720p/59.94 mode.

- **Security-oriented functions include:**
Wide-D technology (On/Off/Auto/Ratio fix)
 Day/Night function (On/Off/Auto/Threshold enabled)
Digital noise reduction (up to five levels)
Spherical Privacy Zone Masking (24 zones with various PTZ controls)
Motion detection alarm (four zones with several triggering and threshold modes)

- **Various modes for White Balance** (Auto, ATW, Indoor, Outdoor, Outdoor Auto, Sodium Vapor Lamp Fix/Auto, One-push, Manual)

- **Picture effects** (E-Flip, Nega Art, Black & White, Mirror Image, Color Enhancement)

- **Picture freeze**

- **Temperature readout**

- **Slow AE response** (approx. five minutes)

- **Title display** (20 characters per line, max. 11 lines)

- **Camera mode display** (English)

- **Electronic shutter/slow shutter**

- **Spot AE**

- **High Resolution mode**

- **IR Focus Correction function**

- **Four presets for gamma control**

- **Four levels of chrominance suppression**

Family	EH Series
Minimum lighting	1.4 lx (F 1.6, 50IRE) 1.2 lx (F1.6, ICR off) / 0.3 lx (F1.6, ICR on); Auto ICR Yes
Lens	12x optical
Effective Pixels	1.43 Megapixel
Wide D	Yes
Digital Zoom	12x
Stable Zoom	No