



FCB-EH3410

Product code: FCB-EH3410

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-EH3410 camera incorporates 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**
- **Bright, fast, and robust 28x zoom lens**
The FCB-EH3410 incorporates a new 28x bright zoom lens with f=1.35. This lens has a fast-zooming capability (approx. 2.6 seconds from

tele end to wide end) and high durability.

- **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 both 30-pin micro coaxial (digital and analog output) and 24-pin FFC (analog output only) interfaces

- **Image Stabilization*2**

The FCB-EH3410 is equipped with an image-stabilization function which minimizes the appearance of shaky images caused by low-frequency vibration. This function is useful for outdoor surveillance and traffic monitoring applications.

- **StableZoom™**

StableZoom is a function for performing correction using the image stabilization 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**

*2 When image stabilization is activated, residual movement may appear at the top and bottom of the image.

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| Family | EH Series |
| Minimum lighting | 1.0 lx (F1.35, ICR off) 1.0 lx (F1.35, ICR off) / 0.1 lx (F1.35, ICR on); Auto ICR Yes |
| Lens | 28x optical |
| Effective Pixels | 1.43 Megapixel |
| Wide D | Yes |
| Stable Zoom | Yes |