FCB-EH6500

Product code: FCB-EH6500
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.

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

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

 - **Powerful zoom capability**

 - **Bright, fast, and robust 30x zoom lens**
The FCB-EH6500 incorporates a new 30x bright zoom lens with F1.6.
This lens has a fast-zooming capability (approx. 3.2 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**
The FCB-EH6500 is equipped with an Image-stabilization function which minimizes the phenomenon of shaky images caused by low-frequency vibration. This function is useful for outdoor surveillance and traffic monitoring applications.

- **StableZoom™**
StableZoom mode uses a predetermined optical zoom ratio to enable the
Image-stabilization function of the camera. Once stabilization begins,
it gradually combines the optical and digital zoom to absorb shaky
movements. 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 video mode remotely, for example, from 1080p/29.97 to 720p/59.94 mode. This function enables the user to change camera video resolution through the software power reset function.

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- **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)

OTHER FEATURES

• Various modes for White Balance

 (Auto, ATW, Indoor, Outdoor, Outdoor Auto, Sodium Vapor Lamp Fix/Auto, One-push, Manual)

• Pictures effects

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

- Picture freeze
- Temerature readout
- Slow AE response (approx. fixe 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) 1.7 lx (F1.6, ICR off) / 0.3 lx (F1.6, ICR on); Auto ICR Yes
Lens	30x optical
Effective Pixels	3.27 Megapixel

Wide D	Yes
Stable Zoom	Yes