



## FCB-EV7100

**Product code:** FCB-EV7100

**Manufacturer:** Sony

In response to growing demand for high-quality, high-resolution images, Sony is adding three new colour models to our camera block line-up. The FCB-EV7500 employs a 1/2.8-type Exmor™ CMOS image sensor with Full HD (1080/60p) performance, and achieves excellent zooming performance with a 30x optical zoom lens. The FCB-EV7100 also delivers Full HD (1080/60p) performance with a 10x optical zoom lens with very light compact design. The FCB-EV5500 is a model with HD (720/60p) performance with 30x optical zoom lens. All of these cameras inherit a multitude of features from Sony's world-renowned FCB Series including Wide-D\*1, Auto ICR, Spherical Privacy Zone Masking and NEW Visibility Enhancer. These useful features are suitable for a variety of demanding applications.

\*1 Wide dynamic range

### **Capture crisp, clear Full HD (1080/60p) images\*2**

The high-performance 1/2.8-type Exmor™ CMOS image sensor achieves superb Full HD (1920 x 1080) picture quality, even in lowlight environments. Progressive scanning assures smoother pictures with reduced blur - ideal for capturing the detail in moving images.

### **10x Optical zoom lens**

FCB-EV7100 is equipped with a bright F1.8 maximum aperture 10x optical zoom lens.

### **StableZoom™**

Image stabilizer and optical/digital zoom are combined to enhance picture quality while maintaining the original horizontal angle of view, ensuring no compromise in image size and reduced

blurring.

### **2D/3D Noise Reduction**

Advanced noise reduction technology filters noise from the image for clearer results, especially in low light conditions. Noise reduction can be selected from five levels to suit a wide range of operating environments.

### **See more clearly with Visibility Enhancer and De-fog**

Picture quality is enhanced dynamically and adaptively on a pixel-by-pixel basis while continuously adapting to the scene within the given dynamic range. There's also a de-fog feature that allows clearer viewing in foggy or misty scenes.

### **Wide dynamic range**

Wide-D image processing technology gives the ability to see clear detailed images in high-contrast or backlit environments.

### **Clear vision round the clock with Day/Night**

Benefit from optimized picture quality in changing light conditions – a frequent challenge in round-the-clock security operations. In high sensitivity mode the camera can operate effectively in lighting levels as low as 0.35 lx (ICR on).\*5

### **Auto ICR (Auto IR-cut Filter Removal)**

In low light conditions the camera automatically switches from day to night mode, removing the IR-cut filter to boost sensitivity for clear pictures in near-darkness.

### **Spherical privacy zone masking**

Areas of view can be selectively masked for privacy. Masked areas are automatically interlocked with the camera's pan/tilt/zoom movements.

### **Choice of HD and SD output modes**

Video signal outputs are available in a range of HD (digital and analog) and SD formats, reducing integration cost and complexity by avoiding the need

for additional analog/digital converters. Video output modes can be changed 'on the fly' during normal operation, without a hardware reboot of the camera.

#### **One-cable connection for simpler integration**

A single cable carries HD video signals plus VISCA communication and power supply. Integration flexibility is further supported by both 30-pin micro coaxial (digital output) and 24-pin FFC (analog output) interfaces.

#### **Wide range of features for versatile operation**

Versatile operation is ensured by a wide range of functions and adjustments, including: White Balance modes; Picture effects (E-Flip, Nega Art, Black & White, Mirror Image, Colour Enhancement); Motion Detection/Alarm; Picture freeze; Temperature readout; Slow AE response; Electronic shutter/slow shutter; Title display/ Camera mode display (English).

<b>Auto ICR</b>	Yes
<b>Family</b>	EV Series
<b>Minimum lighting</b>	Normal mode: 1.4 lx (F1.6, AGC on, 1/30s)
<b>Lens</b>	10x optical
<b>Effective Pixels</b>	2.38 Megapixel
<b>Image sensor</b>	Progressive
<b>Wide D</b>	Yes
<b>Stable Zoom</b>	Yes