FCB-EV7310

Product code: FCB-EV7310
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-EV7310 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.

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.

Get a steadier picture with image stabilizer*4

The camera's built-in image stabilizer function counters the eff ect of blurred, shaky images caused by low-frequency vibration. This is useful for outdoor surveillance and traffic monitoring applications, particularly if the camera is used on a bridge or mounting pole where it is subjected to wind or mechanical vibration.

StableZoom

Image stabilizer and optical/digital zoom are combined to enhance picture quality while maintaining the original horizontal angle of view. This ensures no compromise in image size, and reduces blurring.

2D/3D noise reduction

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

See more clearly with Visibility Enhancer
Picture quality is enhanced dynamically and adaptively on a pixel-by-pixel basis while continuously adapting to the scene within the given dynamic range.

Wide dynamic range
Wide-D image processing technology gives the ability to see clear, detailed images in high-contrast or backlit environments. All models now support an exceptionally wide 130 dB dynamic range, which is activated via VISCA command.*5

De-fog
The de-fog feature allows clearer and natural viewing in foggy or misty scenes. When this feature is activated, the camera detects the haze level and automatically applies the required effects. Depending on user requirements, the level of these effects can be adjusted via VISCA command.

HLC (High Light Compensation)
HLC technology helps to improve, for example, the visibility of license plates when bright headlights are shot under low-light conditions. The bright parts in the image are masked and compensated for automatically to achieve better visibility.

Clear vision around the clock with Day/Night
Benefit from optimized picture quality in changing light conditions – a frequent challenge in around-the-clock security operations. In high sensitivity mode

the FCB-EV5300 can operate eff ectively in lighting levels as low as 0.05 lx (ICR off).

Auto ICR (Auto IR-cut Filter Removal)
In low-light conditions, the camera automatically switches from Day to Nightmode, removing the IR-cut filter to boost sensitivity for clear pictures in near-darkness. The spherical privacy zone masking feature enables areas of view to 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 the power supply. Integration fl exibility 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; and Title display/Camera mode display (English).

Auto ICR	Yes
Availability	Discontinued
Family	EV Series
Minimum lighting	Normal mode: 0.4 lx (F1.6, AGC on, 1/30s)
Lens	20x optical
Effective Pixels	2.38 Megapixel
Image sensor	Progressive
Wide D	No
Stable Zoom	Yes