FCB-EV7520

Product code: FCB-EV7520
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
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.

Fast, bright lens with rapid 30x optical zoom
The high quality lens off ers a bright F1.6 maximum aperture and 30x optical zoomrange. Fast zoom operation (from wide end to tele) is ideal for smooth, rapid transitions from wide area coverage to detailed closeups in security and surveillance applications.

Get a steadier picture with image stabilizer
The camera's built-in image stabilizer function counters the effects of blurred, shaky images caused

by low-frequency vibration. It's useful for outdoor surveillance and traffic monitoring applications where the camera may be subject to wind or mechanical vibration such as on a bridge or mounting pole.

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 eff ectively 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 fi lter 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).

Auto ICR	Yes
Family	EV Series
Minimum lighting	Normal mode:0.1 lx (F1.6, AGC on, 1/30s)
Lens	30x optical
Effective Pixels	2.13 Megapixel
Image sensor	Progressive
Wide D	Yes

Digital Zoom	12x
Stable Zoom	Yes