



FCB-EX2700/P

Product code: FCB-EX2700/P

Manufacturer: Sony

Cameras in the new FCB-EX Series offer excellent picture quality with a horizontal resolution of 670 TV lines, thanks to the use of Super HAD CCD II™ image sensors and a newly developed image processor. These cameras also incorporate high-performance optical zoom lenses (including high-resolution 40x, and bright 28x and 18x lenses), allowing you to select the right camera according to your varying needs.

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, and they are specifically designed to be integrated into security domes/cameras. These features and breadth of choice enable you to pick the right camera every time.

Super HAD CCD II Image Sensor

Thanks to high-performance Super HAD CCD II image sensors FCB-EX2700, and FCB-EX2700P achieve excellent sensitivity at as low as 0.6 lx* minimum illumination.

This sensor allows high-quality images to be captured even in dark environments. Furthermore, it delivers an excellent horizontal resolution of 670 TV lines, enabling detail to be captured in scenes.

* IRE 50%, AGC ON.

Progressive Scan

In Progressive Scan mode, the video signal is processed by progressive scan to achieve clear images without any flicker effect. Since network cameras typically have backend systems based on progressive scan, the original picture quality can be maintained without requiring conversion from

interlace scan to progressive scan.

Wide Dynamic Range with New Technology

The Wide Dynamic Range (Wide-D) feature allows for the capture of clear images in extreme lighting conditions.

- **Auto Mode**

When shooting in high- or low-contrast lighting situations, the camera monitors the luminance differences within an image and automatically switches the Wide-D feature on and off, depending on the visibility of the subjects and background.

- **Interlace Wide-D and Progressive Wide-D Modes**

There are two modes to choose from. Interlace Wide-D mode is ideally suited to high-contrast lighting environments. Progressive Wide-D mode is suited to low contrast environments.

Image Stabilization

The image stabilization function 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 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.

Visibility Enhancer

The powerful Visibility Enhancer corrects tone curve dynamically and adaptively on a pixel-by-pixel basis while continuously enabling greater visibility in contrasting environments.

De-fog

The De-fog function helps to improve visibility in low-

contrast environments such as foggy or smoky scenes. This feature enhances and optimizes contrast in this type of situation.

Enhanced Noise Reduction

By combining 2D and 3D noise reduction, the camera offers a wide selection of noise reduction settings, from Level 1 to Level 5, to allow you to choose the ideal level for different shooting conditions.

Advanced White Balance

For the White Balance function, there are two different modes: Outdoor Auto mode and Sodium Vapor Lamp mode. These modes are designed to adapt to changing natural light outdoors and to changing sodium vapor lamp lighting, respectively.

High-quality Digital Output

The camera is equipped with a digital interface (Y/Cb/Cr 4:2:2) which is comparable to ITU-R BT656. Using this digital interface, the quality of the camera's video signal does not deteriorate. In addition, there is no need for an external analog/digital converter between the camera and any other equipment.

Extended Operating Temperature

The camera can operate in a range of temperature from -5°C to 60°C.

Family	F Series
Minimum lighting	0.6 lx (F1.6, AGC on, 1/50s)
Lens	40x optical
Effective Pixels	570.000 pixel
Resolution	670 TV lines
Digital Zoom	12x
Stable Zoom	Yes