

**SSC-FB531**

700 TV line fixed analogue camera with Super HAD II CCD sensor and DynaViewSX

The SSC-FB531 offers exceptional image quality under all lighting conditions – high-contrast, low-lighting, day and night – which makes it ideal for a wide range of security applications – retail, manufacturing, transport and many others – delivering the surveillance performance to keep your premises protected at all times and in all conditions.

It achieves this through a combination of advanced Sony technologies: DynaViewSX enables the camera to capture high-contrast scenes; a Super HAD II CCD sensor delivers a horizontal resolution of 700 TV lines (sharp mode) for sharp, detailed images and a minimum illumination of 0.08 lx (F1.2, 50 IRE) for high performance in low-lighting conditions; and the electrical Day/Night function ensures that the camera performs optimally all day and all night.

## Features

### Superb performance in high-contrast scenes and in poor lighting conditions

DynaViewSX technology allows the SSC-FB531 to capture high-contrast scenes and deliver clarity under less-than-ideal lighting conditions. This means that the SSC-FB531 is able to capture vital information that other cameras miss. DynaViewSX incorporates three sub-technologies – a high-speed double shutter providing images with incredibly wide dynamic ranges, iBLC compensating for exposure levels in dark scenes, and an advanced natural synthesiser minimising noise.

## Technical Specifications

Group heading	
Image device	1/3-type Super HAD CCD II
Number of effective pixels (H x V)	570,000 pixels (976 x 582)
Signal system	PAL standard
Horizontal resolution	700 TV lines (sharp mode)
S/N ratio	More than 55 dB (AGC Off)

### Exceptionally detailed images

The SSC-FB531 offers exceptionally high resolution (700 horizontal TV lines) through its Super HAD II CCD sensor, to deliver superbly clear and detailed images.

### Maximised image quality in low lighting

The sensor also achieves remarkably high sensitivity (0.08 lx, F1.2, 50IRE), to maximise image quality under low-lighting conditions, making the SSC-FB531 eminently suitable for round-the-clock security applications.

### Minimised noise for maximum image clarity

The SSC-FB531 offers Adaptive DNR (Digital Noise Reduction) technology, which eliminates noise and motion blur to produce distinct and clear images. Adaptive DNR technology utilises both an adaptive 2D filter and an adaptive 3D filter, according to the AGC value, to reduce noise.

### Electrical Day/Night function

The electrical Day/Night function automatically switches between Day (colour) and Night (black and white) modes to optimise image quality 24/7.

### Compact and stylish design

The compact and lightweight body of the SSC-FB531 allows it to be installed in many different environments.

Minimum illumination	Colour: 0.08 lx, B/W: 0.05 lx (F1.2, 50 IRE) Colour: 0.05 lx, B/W: 0.03 lx (F1.2, 30 IRE)
Dynamic range	75 dB (typical)
Video output	VBS:1.0 Vp-p
Synchronization	Internal/AC line lock selectable
Gain control	Auto (OFF/Normal/Turbo)/Manual

White balance	ATW/ATW-PRO/3200K/ 5600K/Manual
Lens type	CS mount lens*

### Camera Features

Day/Night	Yes (Electrical D/N)
Noise reduction	Yes (2DNR + 3DNR, Weak/ Normal/Strong)
Back light compensation	OFF/DynaViewSX/iBLC/SPOT
Automatic tone reproduction	Yes (DynaViewSX mode only)

### General

Mass	190 g (6.7 oz)
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Dimensions	63 x 57 x 88 mm (2 1/2 x 2 1/4 x 3 1/2 inches)
Power requirement	AC 24 V $\pm$ 10%, DC 12 V $\pm$ 10%
Power consumption	2.8 W
Operating temperature	-10 C to +50 C (14 F to 122 F)
Storage temperature	-40 C to +60 C (-40 F to +140 F)
Operating humidity	20% to 80%
Storage humidity	20% to 95%

### Supplied Accessories

	Operating instructions x1
	Menu instructions x1
	Lens mount cap x1