

## SCB237

### 700 TV Lines For Crystal Clear Images

1/3" Sony Exview HAD CCD II/DSP, 700 TVL, WDR, DNR digital day/night, motion detection, privacy zone, OSD



The SCB237 sets a new standard for high resolution TV Lines. It is designed to show extreme image detail. Images are sharp even in low light conditions. Wide Dynamic Range, Motion Detection and digital day/night modes ensure that you do not miss a thing. This camera is ideal for places where maximum image quality is vital such as banks and stores.

Features		
1/3" SONY <sub>HADCCD</sub>	SONY DSP	700 TVL
0.02 Lux Minimum illumination	DNR	Wide Dynamic
D/N	Motion Detection	OSD
Privacy Zone	Color	

#### ■ Lumii™ III Technology

Our breakthrough Lumii™ III technology captures more accurate and reliable images for identification. Lumii™ III helps the camera show exceptionally detailed images at 700 TV lines of resolution. Advanced noise reduction and increased sensitivity in light as low as 0.02 Lux allow for ultra high resolution images without blur.

#### ■ Noise Reduction

Noise reduction is a powerful method for reducing image noise that produces extremely clear images even in very dim lighting conditions. Noise reduction cuts image size, reducing storage-space requirements and back-end costs.

#### ■ Wide Dynamic Range

Wide dynamic range optimizes an image to ensure that dark areas are more visible while retaining detail in bright areas. WDR is ideal for scenes where objects are difficult to recognize due to severe backlight or shadows. Places like bank entrances tend to be under lit or over lit. A typical camera would produce an image where a person in the dark area could hardly be recognized, whereas WDR cameras produce clear details not only of the person in the foreground but also of the background.

#### ■ Multi-Language OSD Menu

The SCB237 has a multi-language OSD menu including English, Japanese, German, French, Russian, Portuguese, Spanish, and Simplified Chinese. Users can quickly set up and adjust camera functions within seconds.

#### ■ High Light Compensation

In a scene contains strong light source, such as torch light or lamp, the flare will obstruct the details. This feature eliminates bright lights to reveal details. It's great for high contrast light areas, such as doorways or car parks.



## Specification

Signal System	NTSC	PAL
<b>Image System</b>		
Imaging Area	5.58mm(0.22") x 4.37mm(0.17")	
Image Pickup Device	SONY 1/3" Exview HAD CCD II	
Effective Pixels(HxV)	976(H) x 494(V)	976(H) x 582(V)
<b>Electric</b>		
Scanning System	2:1 Interlace V: 59.94Hz, H: 15.734KHz	2:1 Interlace V: 50Hz, H: 15.625KHz
Sync System	Internal / line-lock	
Horizontal Resolution	700 TV lines	
Lens Mount	CS with back focus	
Gamma Correction	0.45	
Minimum Illumination	F1.2, 0.02 lux @ 50 IRE, 0.01 lux @ 30 IRE	
S/N Ratio	More than 50dB (AGC off)	
Iris Control	DC & manual lens support	
Gain Control	On / Off (selectable)	
White Balance	Auto/Manual/User/Push/Push Lock	
Electric Shutter	1/50(1/60)~1/10K sec	
Flickerless	On / Off (selectable)	
BLC	On / Off (selectable)	
Day/Night Mode	Digital Day/Night	
DNR	Yes	
Motion Detection	Yes, 4 areas (max)	
Privacy Mask	Yes, 8 zones (max)	
High Light Compensation	Yes	
WDR	On / Off (selectable)	
OSD	Yes	
Multi Language	English, Japanese, German, French, Russian, Portuguese, Spanish, Simplified Chinese	
Video Output	1Vpp composite output, 75 ohm	
<b>Power Supply</b>		
Power Requirement	DC12V/AC24V ± 10%	
Power Consumption	3.5W (max.)	
<b>Environment</b>		
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)	
Operating Humidity	30%~90% RH	
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140 °F)	
Storage Humidity	70% MAX	
<b>Mechanism</b>		
Dimensions(WxHxD)	56mm x 50mm x 110.44mm (2.2" x 1.97" x 4.35")	
Weight	400g approx. (0.9 lbs.)	
<b>Ordering Information</b>	<b>SCB237-HN5</b>	<b>SCB237-HP5</b>

## Dimensions

