

## SCR368

### Infrared and 700 TV Lines Camera

1/3" Sony Exview HAD CCD II/DSP, Computer vari-focal 6~50mm lens, 700 TVL, WDR, DNR, mechanical (ICR) day/night, motion detection, privacy zone, OSD, cable management



The SCR368 is a high-performance Infrared camera that provides a 50 meters (164 feet) seeing range in even pitch black night. Utilizing Lumii™ III technology, fuzzy, dark image are sharpened to bright, crystal clarity in 700 TV line high resolution. Its 12-bit high quality image appears sharper and clearer. The mechanical (ICR) day/night functionality enables it to adapt to diverse lighting conditions. Additional features include privacy zone and motion detection. It is also equipped with a 6~50mm vari-focal lens and a cable management bracket, making the installation more flexible and convenient in any location.



#### ■ Lumii™ III Enhanced 700 TVL

The SCR368 utilizes the superior 1/3" Sony CCD to deliver a high resolution of 700 TV lines. The image processing capability is further enhanced by our Lumii™ III technology to deliver 12-bit sharper and clearer images than typical 700 TVL cameras. Even in the ultra low light conditions, Lumii™ ensures that SCR368 remains high resolution images without blur.

#### ■ Mechanical (ICR) Day/Night

Featuring IR Cut Filter Removable (ICR) function, the camera uses a mechanical way to detect changes in lighting conditions, and then switches between color and B/W modes. It provides perfect color images at day time and crisp monochrome images at night or very dark environment.

#### ■ 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.

#### ■ 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.

#### ■ Even Light Distribution

The SCR368's IR LEDs produce smooth even light distribution across the seeing range as far as 50 meters (164 feet) away. Without light loss, the image capture ensures you don't miss any detail.

#### ■ Energy Efficient

The SCR368 not only utilizes high-power IR LEDs but also optimizes the LEDs usage to minimize energy usage. With SCR368's intelligent day/night detection, the LEDs light only when needed. This helps reduce power consumption and extend the life time of the LEDs as well as the camera.

#### ■ Multi-Language OSD Menu

The SCR368 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.

#### ■ Cable Management

Intelligent cable management facilitates a tidy, professional installation. It also protects the camera's wires from rain, heat, vandals and other harsh factors. The easy to manage bracket makes installation simple in any location, including walls and ceilings.

## Specification

Signal System	NTSC	PAL
Image System		
Image Pickup Device	1/3" SONY Exview HAD CCD II	
Effective Pixels (HxV)	976 (H) × 494 (V)	976 (H) × 582 (V)
<b>Electric</b>		
Scanning System	2:1 Interlace V: 59.94 Hz , H: 15.734KHz	2:1 Interlace V: 50 Hz , H: 15.625 KHz
Sync System	Internal/Linelock	
Horizontal Resolution	700 TV lines	
Built-in Lens	f=6mm~50mm,F1.6 DC iris varifocal IR-corrected lens External adjustments (zoom and focus)	
View Angle	Horizontal:43.9°(wide)~5.7°(tele) Vertical:54.6°(wide)~7.1°(tele)	
Gamma Correction	0.45	
Minimum Illumination	F1.6 color mode: 0.04 lux@50IRE, 0.02lux@30IRE, B/W mode: 0.02 lux@50IRE, 0.01 lux@30IRE, IR LED ON:0 lux	
S/N Ratio	More than 50dB (AGC off)	
Gain Control	On / Off (selectable)	
White Balance	ATW/ Manual/ User/ Push/ Push lock	
Electric shutter	1/60 sec	1/50 sec
Flickerless	Yes	
BLC	Off/ BLC/ HLC (High light compensation) (selectable)	
Day/Night Mode	Mechanical (ICR) control (Auto/Color/ B/W)	
DNR	Yes	
Motion Detection	Yes, 4 areas (max)	
Privacy Mask	Yes, 8 zones (max)	
OSD	Yes	
High Light Compensation	Yes	
WDR	On / Off (selectable)	
Multi Language	English, Japanese, German, French, Russia, Portuguese, Spanish, Simplified Chinese	
Video Output	1Vpp composite output, 75 ohm	
IR LED	Super power LED 32pcs	
IR Wavelength	850nm	
IR Distance	50M(164ft)	
IR Turn On Status	Under 10 lux by photocell auto controlled	
LED Life	More than 10,000 hours (50°C)	
<b>Power Supply</b>		
Power Requirement	DC 12V & AC 24V ± 10%	
Power Consumption	7W (max)	
Environment		
Operating Temperature	-10°C ~ 50°C	
Operating Humidity	90% MAX	
Storage Temperature	-20°C ~ 60°C	
Storage Humidity	70% MAX	
<b>Mechanism</b>		
Case Material	Metal	
Dimension(ΦxHxD)	Φ77.8mm x 89.5mm x 235.1mm (3.06"x3.52"x9.26")	
Weight	1600g (3.54lb) approx.	
Construction	Sunshield; Cable management bracket ; Compact die-cast aluminum;Tempered Glass	
Protection Class	IP66	
<b>Ordering information</b>	SCR368-HN5	SCR368-HP5

## Dimensions

