

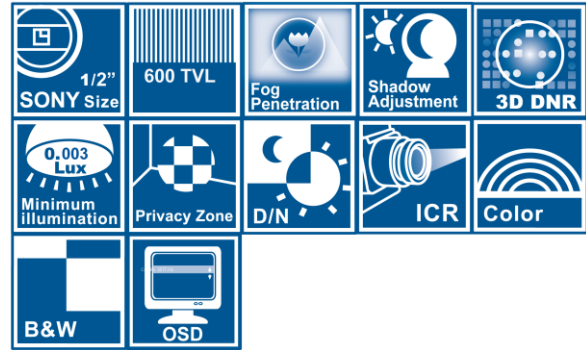


SCB 282PRO ICR day/night high resolution camera

fog penetration, 600 TVL resolution

3D noise reduction

scheduled ICR day/night switching



The SCB282PRO features a SONY 1/2" Exview Hi-Res CCD and exceptional fog penetration capabilities. It is a brilliant next-generation CCTV solution that delivers outstanding surveillance performance.

The SCB282PRO features industry-leading fog penetration technology that enables it to recover real color images from foggy or smoky video streams. It is the perfect solution for demanding environments plagued by fog, pollution, or even sand storms. Scheduled ICR day/night switching enables users to schedule times at which the camera switches from day mode to night mode, and vice versa, ensuring that the camera captures images in the correct mode. The SCB282PRO is also equipped with 3DNR functionality, allowing it to reduce image noise and produce exceptionally clear images in low-light conditions.

Fog Penetration

The SCB282PRO's fog penetration technology peers through fog and smoke to recover real color images from foggy or smoky video streams, enhancing the camera's identification ratio by delivering more information-rich imagery.

Scheduled ICR Day/Night Switching

Users can schedule automatic switches between color and b/w modes. When subjected to transitory external lighting changes, sensor-based switches can inadvertently change modes, causing cameras to capture b/w images in daylight and color images at night. Scheduled switching ensures that the camera remains unaffected by such external factors and continues to capture images in the correct mode.

Digital WDR

The digital WDR function adjusts exposure levels in shadowed portions of images to make dark areas more visible while retaining detail in bright areas.

3D DNR

3D noise reduction is a powerful method for reducing image noise that produces extremely clear images even in very dim lighting conditions.

Specifications

Signal system	NTSC		PAL	
Image system				
Imaging area	6.5mm x 4.9mm			
Image pickup device	SONY 1/2" Exview Hi-Res CCD			
Effective pixels(HxV)	768 x 494		752 x 582	
Electric				
Scanning system	2:1 Interlace V: 59.94Hz,		2:1 Interlace V: 50Hz,	
	H: 15.734KHz		H: 15.625KHz	
Sync system	Internal / line-lock			
Horizontal resolution	600/ 700 TV lines (day/night mode)			
Lens mount	CS with easy backfocus			
Gamma correction	10 levels selectable			
Minimum illumination	Day mode: 0.01 lux(F1.4, AGC on, 10 IRE); 0.04 lux(F1.4, AGC on, 50 IRE)			
	Night mode: 0.003 lux(F1.4, AGC on, 10 IRE); 0.01 lux(F1.4, AGC on, 50 IRE)			
S/N ratio	More than 50dB (AGC off)			
Iris control	Video / DC driver			
Lumii	9 levels selectable			
White balance	ATW1 / ATW2 / Manual			
Electric shutter	Auto (1/60 to 1/100K sec.)/ Manual 46 steps (1/60 to 1/100K sec.)		Auto (1/50 to 1/100K sec.)/ Manual 46 steps (1/50 to 1/100K sec.)	
BLC	BLC1/ BLC2/ BLC3 BLC4/ BLC5/ BLC6/ Off			
DNR	Off/ 2DNR/ 3DNR			
Privacy zone	On/ Off, up to 8 zones			
Day/Night mode	Auto/ Mono/ Color/ D/N Sync/ Schedule			
OSD	Yes			
Fog Penetration	6 levels selectable			
Digital WDR	On/ Off			
Mirror	On/ Off			
Flickerless	Yes			
Chroma	9 levels selectable			
Aperture control	High/ Mid/ Low			
Remote control	Yes (RS485)			
Video output	1Vpp composite output 75 ohm			
Power supply				
Power requirement	—		DC12V/ AC24V	AC90 ~ 260V
Power consumption	10W (max.)			
Environment				
Operating temperature	-10°C ~ 50°C			
Operating humidity	30% ~ 90% RH			
Storage temperature	-20°C ~ 60°C			
Mechanism				
Dimensions(WxHxD)	66mm x 55mm x 130mm			
	(2.6" x 2.16" x 5.11")			
Weight	500g (1.10 lb.)			
Ordering information	—		SCB282PRO-HP5	SCB282PRO-HP7

Dimensions

