



SCB 265iPRO intelligent traffic surveillance camera

fog penetration, 600TV lines
scheduled ICR day/night switching



The SCB265iPRO is an intelligent traffic surveillance camera equipped with a SONY 1/3" Super HAD II Hi-Res CCD. It is a brilliant next-generation traffic solution that delivers outstanding traffic surveillance performance.

The SCB265iPRO features MESSOA's CatchAll™ Technology, which delivers crisp, clear images regardless of the setting or lighting conditions. The camera also features unique intelligent traffic modes that adjust automatically to the image-capture environment, a breakthrough technology that enables the camera to capture images from vehicles traveling at speeds up to 180 kph (112 mph) and makes it especially well suited to high speed applications. The SCB265iPRO's traffic surveillance capabilities are further enhanced by its industry leading fog penetration technology, which enables it to recover real color images from foggy or smoky video streams.

Fog Penetration

The SCB265iPRO'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. The advantage of scheduled switching over sensor-based switching is that the latter can inadvertently shift modes when subjected to transitory external lighting changes, capturing b/w images in daylight and color images at night. Scheduled switching ensures the camera remains unaffected by such external factors and continues to capture images in the correct mode.

Headlight Suppression

CatchAll™ technology enables the camera to suppress highbeam headlights and capture crisp, clear images for identification.

Shadow Adjustment

The shadow adjustment 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.

Intelligent Traffic Modes

The camera integrates four intelligent traffic modes that enable it to adjust automatically to the image-capture environment. Intelligent traffic cameras adjust to the mode appropriate for conditions, enabling them to monitor surrounding areas to gather information on vehicle type, color and shape.

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MESSOA reserves the right to update this datasheet at any time without notice.

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Specifications

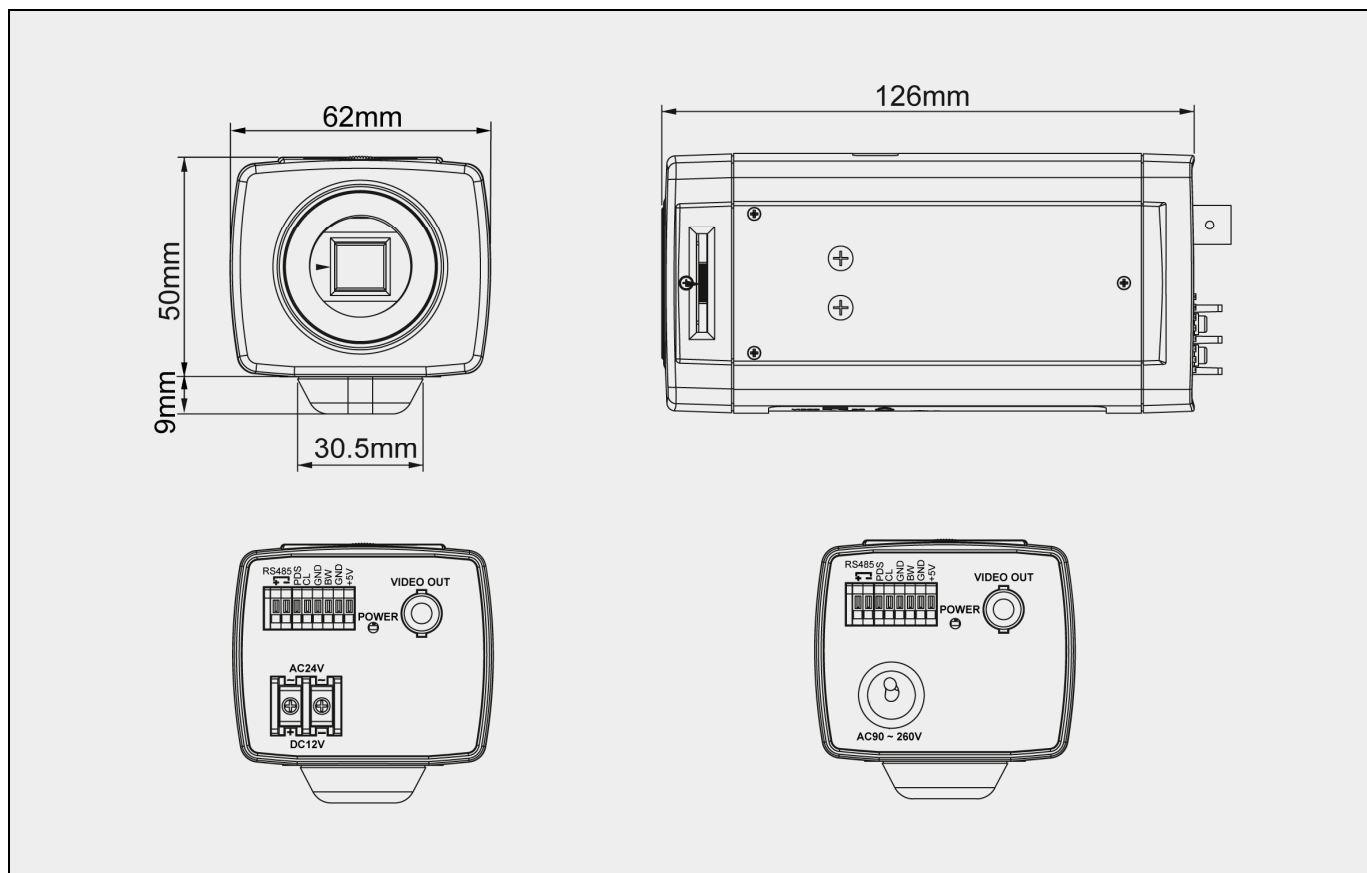
Signal system	NTSC		PAL
Image system			
Imaging area	4.9mm x 3.7mm		
Image pickup device	SONY 1/3" Super HAD II Hi-Res CCD		
Effective pixels(HxV)	768 x 494	752 x 582	
Electric			
Scanning system	2:1 Interlace V: 59.94Hz, H: 15.734KHz		2:1 Interlace V: 50Hz, H: 15.625KHz
	Internal / linelock		
Sync system	600/ 700 TV lines (day/night mode)		
Horizontal resolution	CS with easy backfocus		
Lens mount	10 levels selectable		
Gamma correction	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)		
Minimum illumination	More than 50dB (AGC off)		
S/N ratio	Video / DC driver		
Iris control	9 levels selectable		
Lumii	ATW1 / ATW2 / Manual		
White balance	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.)	
Electric shutter	BLC1 / BLC2 / BLC3 / BLC4 / BLC5 / BLC6 / Off		
BLC	Off/ 2DNR/ 3DNR		
DNR	On / Off, up to 8 zones		
Privacy zone	Auto / Mono / Color / D/N Sync / Schedule		
Day/Night mode	Yes		
OSD	Off/ Traffic 1/ Traffic 2/ Traffic 3/ Traffic 4		
Traffic Mode	10 levels selectable		
Headlight Suppression	6 levels selectable		
Fog Penetration	On / Off		
Shadow Adjustment	On / Off		
Mirror	Yes		
Flickerless	9 levels selectable		
Chroma	High / Mid / Low		
Aperture control	Yes (RS485)		
Remote control	1Vpp composite output 75 ohm		
Video output	Power supply		
Power requirement	DC12V / AC24V	AC90~260V	DC12V / AC24V
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)	50mm x 62mm x 126mm		
	(1.96" x 2.44" x 4.96")		
Weight	500g (1.10 lb.)		
Ordering information	SCB265iPRO-HN5	SCB265iPRO-HN7	SCB265iPRO-HP5

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Dimensions



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