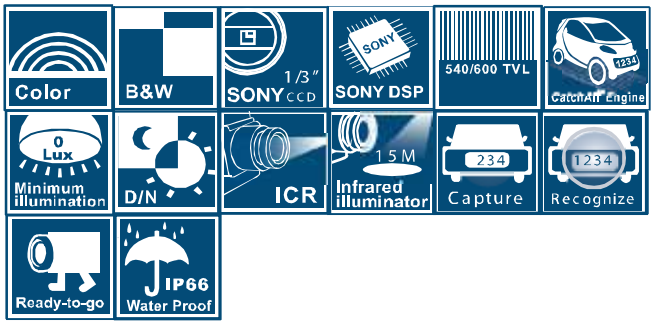
SCR 506 IR 15M overview/plate-capture camera



The SCR506 combines a high-performance plate-capture camera with color-overview functionality to monitor surrounding areas, providing information on vehicle type, color, and shape. When integrated with the external License Plate Recognition (LPR) software, the SCR506 can also capture non-reflective plates at short range (less than 5 meters). This camera plays a dual role, capturing license-plates and monitoring surrounding areas.

The camera's outstanding feature set ensures seamless integration and enhanced performance when used in conjunction with external LPR software. The SCR506 is equipped with powerful 850 nm IR to ensure that it works perfectly even in total darkness to deliver clear plate images. Its varifocal IR-corrected lens and IR day/night mode keep it in focus day and night to optimize its round-the-clock image-capture capabilities. In short, the SCR506 provides the kind of reliability and day-and-night surveillance-and-capture performance crucial to maximizing the efficiency of LPR applications.

Color Overview Functionality
Color-overview functionality enables this plate capture camera to monitor surrounding areas, gathering information on vehicle type, color and shape.

24-hour Surveillance
The SCR506 incorporates an ICR day/night mode enabling the camera to adapt to diverse lighting conditions.

Powerful IR
Its powerful IR functionality and integrated IR-corrected lens deliver perfect image captures and outstanding images. It is also equipped with a high-power LED to help minimize energy usage.

Wide Range Capture
Its built-in 9-22mm lens captures a wide 3-8 m(10-27 ft) field.

Rain Guard/ Extendable Sunshield
The camera's rain guard and extendable sunshield minimize the effects of rain and sunlight on image quality.

Easy Installation
The cable-management bracket enables easy installation in any location, including walls, surfaces, and ceilings.

2009.5.06 version.
MESSOA reserves the right to update this datasheet at any time without notice.
MESSOA USA e-mail:info.us@messoa.com//MESSOA Taiwan e-mail:info@messoa.com

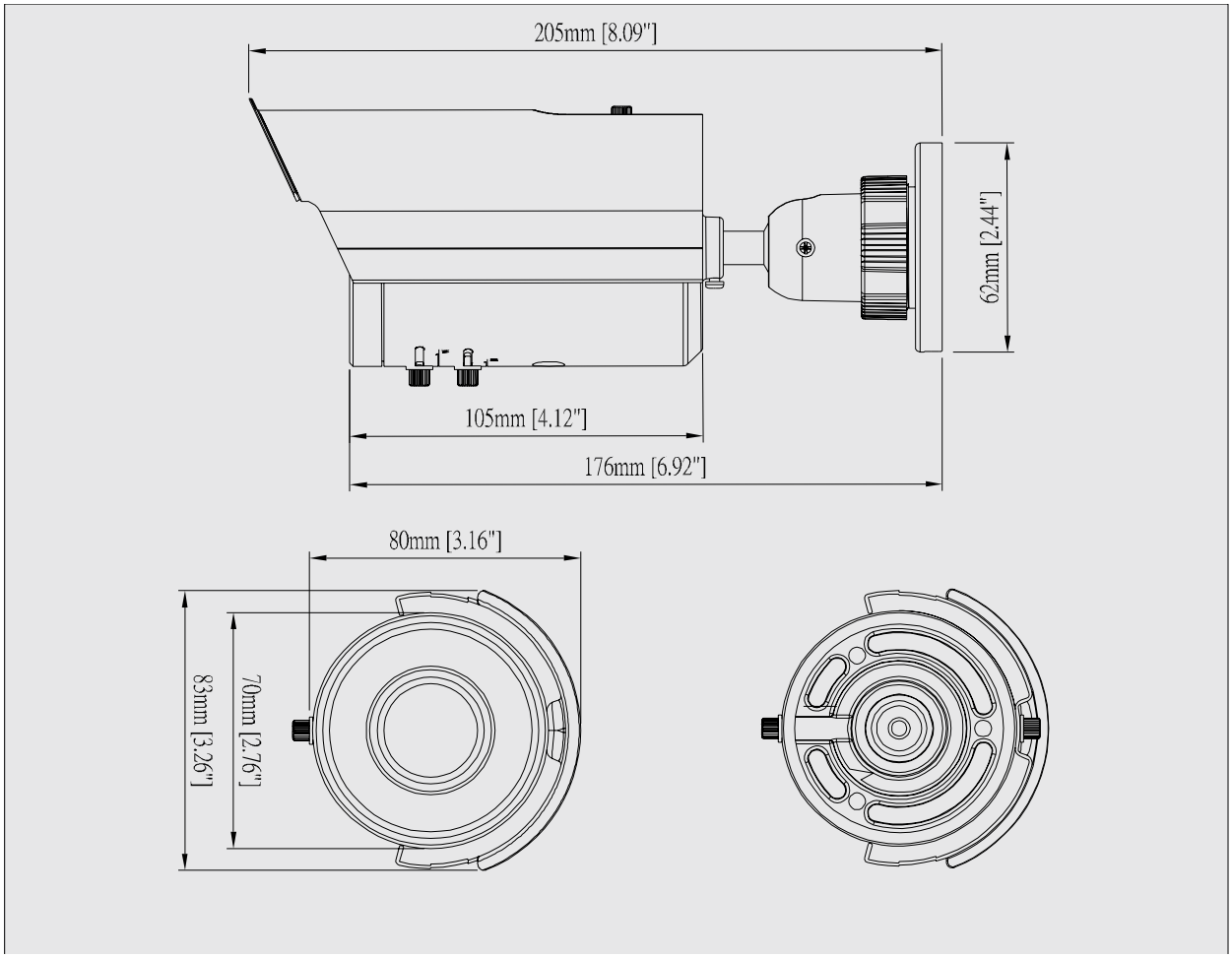
MESSOA®

Specifications

Image system		
Signal system	NTSC	PAL
Image Sensor	1/3" SONY 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
Sync system	Internal	
Horizontal resolution	540 TV lines (color)/ 600 TV lines (B/W)	
Built-in lens	f=9mm ~ 22mm, F1.4 DC iris varifocal IR-corrected lens External adjustments (zoom and focus)	
Day & Night Mode	Yes(Mechanical ICR Filter)	
View angle	Horizontal: 32.1°(wide) ~ 13.1°(tele) Vertical: 23.3°(wide) ~ 9.8°(tele)	
Gamma correction	0.45	
Minimum illumination	IR LED OFF: 0.015 lux (F1.4, AGC on, 10 IRE); 0.3lux (F1.4, AGC on, 50 IRE) IR LED ON: 0lux	
S/N ratio	More than 50dB (AGC off)	
Gain control	Auto	
White balance	Auto:(2500°K~9500°K)	
BLC	Auto(Center Weighting)	
Video output	1Vpp composite output, 75 ohm	
IR LED	Super power LED 36pcs	
IR wavelength	850nm	
IR distance	15 Meter (50 ft.)	
Capture range	3~8 Meter (10~27 ft.)	
IR turn on status	Under 10 lux by photocell auto controlled	
LED life	More than 10,000 hours (50°C/122°F)	
Power supply		
Power requirement	DC12V/AC24V	
Power consumption	10W (max.)	
Environment		
Operating temperature	-10°C ~ 50°C (13.9 °F ~122°F)	
Operating humidity	30 ~ 90% RH	
Storage temperature	-20°C ~ 60°C (-4°F~140°F)	
Mechanism		
Dimensions(øxH)	ø82mmx205mm (ø32.3" x 80.7")	
Weight	610g (1.35 lb)	
Construction	Sunshield ; Cable management bracket Compact die-cast aluminum ; Tempered Glass	
Protection class	IP66 ; Vandal-resistance	
Ordering Information	SCR506-HN5	SCR506-HP5

2009.5.06 version.
MESSOA reserves the right to update this datasheet at any time without notice.
MESSOA USA e-mail:info.us@messoa.com//MESSOA Taiwan e-mail:info@messoa.com

Dimensions


205mm [8.09"]
62mm [2.44"]
105mm [4.12"]
176mm [6.92"]
80mm [3.16"]
83mm [3.26"]
70mm [2.76"]