



# SCR520

## License plate capture with color overview



Type	BW camera		Color camera	
Image system				
Signal system	EIA	CCIR	NTSC	PAL
Imaging area	7.4 mm x 5.95 mm		4.9mm x 3.7mm	
Image pickup device	1/2" exview CCD		1/3" SuperHAD CCD	
Effective pixels(HxV)	768(H) x 494 (V)	752(H) x 582(V)	768(H) x 494 (V)	752(H) x 582(V)
Electric				
Scanning system	2:1 Interlace V: 59.94Hz, H: 15.734KHz	2:1 Interlace V: 50Hz, H: 15.625KHz	2:1 Interlace V: 59.94Hz, H: 15.734KHz	2:1 Interlace V: 50Hz, H: 15.625KHz
Sync system	Internal / Line-Lock (AC input only)			
Horizontal resolution	600 TV lines		540 TV lines	
Infrared illumination	70M distance, 850nm wavelength		50M distance, 850nm wavelength	
IR View Angle	6°		50°	
LEDs	Superior power: 96-LEDs; Metaphase-type LEDs, high-efficient array		Superior power: 96-LEDs; Metaphase-type LEDs, high-efficient array-	
Gamma correction	0.45 / 1			
Minimum illumination	0 lux (work in total darkness)		Day mode: 0.01 Lux(F1.2, AGC on , 10IRE) Night mode: IR on 0 lux	
S/N ratio	More than 50dB (AGC off)			
Built-in Lens	f= 75 mm F 3.9~32 (Manual Iris)		f=6-50mm F1.6, IR-corrected (Auto Iris)	
Privacy zone	-		ON/OFF up to 8 zones	
Day/Night mode	-		IR cut moving filter for day/night: Auto / Manual / B.C.G / LPR	
Iris control	-		Video / DC drive	
Gain control	0 / 6 / 12 / 15 / 18 / 24 / 30		Turbo / Normal / Off	
White balance	-		ATW1 / ATW2 / AWC / manual	
Electric shutter	Auto 1/60 to 1/100,000sec. / manual 9 steps (1/60, 1/100, 1/250, 1/500, 1/1K, 1/2K, 1/4K, 1/10K, 1/100Ksec.)	Auto 1/50 to 1/100,000sec. / manual 9 steps (1/50, 1/120, 1/250, 1/500, 1/1K, 1/2K, 1/4K, 1/10K, 1/100Ksec.)	Auto 1/60 to 1/100,000sec. / manual 9 steps (1/60, 1/100, 1/250, 1/500, 1/1K, 1/2K, 1/4K, 1/10K, 1/100Ksec.)	Auto 1/50 to 1/100,000sec. / manual 9 steps (1/50, 1/120, 1/250, 1/500, 1/1K, 1/2K, 1/4K, 1/10K, 1/100Ksec.)
BLC	NA		BLC1 / BLC2 / BLC3/ BLC4 / off	
Aperture	High / Mid / Low			
Chroma	NA		9 levels	
OSD	Yes			
Remote control	RS485 via PELCO P/D			
Video output	1Vpp composite output, 75 ohm			
Mech.				
Dimension	422mm (L) X 174 (W) X 145mm (H)			
Weight	approx 6 kg			
Accessories	Wall mount/ Corner mount/ Pole mount			
Environment				
Operating temperature	-30 °C ~ 60 °C			
Operating humidity	30% ~ 90% RH			
Storage temperature	-20 °C ~ 60 °C			
IP 66	Yes			
Power supply				
Power requirement	AC24V		AC90 ~ 260 V	
Power consumption	90 W approx.		90 W approx.	
	(With heater & blower)			
Ordering Information	SCR520HB-HN2	SCR520HB-HP2		SCR520HB-HP7

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