



Specifications

Model	TS-557EHPSC / TS-557EPSC / TS-557HPSC / TS-557PSC				
Scanning system	EIA		CCIR		
Image sensor (device)	SONY EXVIEW HAD Ultra High Sensitivity CCD Sensor				
Image size	1/3" (approx. 4.8mm x 3.6mm)				
Chip size	6.0mm (H) x 4.96mm (V)				
	Exview & High Res.	Exview & Standard Res.	High Res.	Standard Res.	
Picture element	All	811(H) x 508(V)	537(H) x 505(V)	795(H) x 596(V)	537(H) x 597(V)
	Effective	768(H) x 494(V)	510(H) x 492(V)	752(H) x 582(V)	500(H) x 582(V)
Horizontal Resolution	600 TV Line	480 TV Line	600 TV Line	480 TV Line	
Minimum illumination	IR OFF	0.001 Lux	0.001 Lux	0.01 Lux	0.01 Lux
	IR ON	0 Lux	0 Lux	0 Lux	0 Lux
Light Wavelength	400-850nm Infra-red	400-850nm Infra-red	400-850nm Infra-red	400-850nm Infra-red	
LED	42 Units	42 Units	42 Units	42 Units	
Distance	50 M	50 M	50 M	50 M	
IR power ON	Under 10 Lux By CDS Auto Control				
IR LED Character	Wavelength:840nm Angle:40deg Pw:220mW				
Optical black elements	Horizontal	3: in front , 40 : in back			
	Vertical	12: in front , 2 : in back			
Synchronizing system	Internal Sync.				
Interlace	2:1 interlace				
Aperture correction	H aperture V aperture				
Video output level	1.0V(p-p) (75ohms, composite)				
Video S/N ratio	More than 52dB (AGC off)				
Day & Night (option)	Under Lighting 2 Lux				
White Balance	ATW large range : 2400 °K To 11000 °K				
Electronic iris	Setting ON				
Auto Exposure(AE) system	Auto electronic iris:1/50(1/60)~1/100,000 sec				
Back Light Compensation	Active Histogram plus windows weight BLC				
Gamma	0.45				
Built-in Lens>Type	DC Iris Varifocal Lens				
Zoom Ratio	2.5X				
Focal Length	3.6mm~9.0mm				
Angle Field of View	H:31.66°~77.18° V:23.73°~56.73°				
Iris Range	F1.6(3.6mm)~ F2.4(9.0mm)				
Environmental conditions					
Operating temperature	Temperature:-10° C to +50° C, Humidity : within 90% RH				
Storage temperature	Temperature:-20° C to +70° C, Humidity : within 70% RH				
Power Supply	DC Power Supplied From Coaxial Power Supply Unit / DC+12V				
Power consumption(approx.)	6W				
Dimensions (approx.)	121mm(L) x 74mm(DIA)				
Weight (approx.)	3kg				
Accessories & Weight	RG-58U x 30M or 15M cable as optional Mounting Bracket Coaxial cable Power Supply				

NIGHT VERSION IR-WAVE NI-VISION DIGITAL CCD B/W CAMERA W/VF LENS

	EXVIEW HIGH RESOLUTION	EXVIEW STANDARD RESOLUTION	HIGH RESOLUTION	STANDARD RESOLUTION	POWER SOURCE
1/3"	TS-557EHPSC	TS-557EPSC	TS-557HPSC	TS-557PSC	ONE CABLE DC+12V
Resolution	600 TVL	480 TVL	600 TVL	480 TVL	
Minimum illumination	IR OFF 0 LUX	0.001 LUX 0 LUX	0.01 LUX 0 LUX	0.01 LUX 0 LUX	
IR Power ON	Under 10 Lux By CDS Auto Control				
LED	42 Units				
Distance	50 M	50 M	50 M	50 M	
IR LED Character	Wavelength : 840nm Angle : 40deg Pw : 220mW				
Lens	VF 3.6-9mm				

Coaxial cable Power Supply Specification

To Camera	VS1.0.Vp-p/75 ohm	
To Monitor	VS1.0.Vp-p/75 ohm	
Camera Power Supply System	DC Constant Current Over Coaxial cable	
Maximum Cable Length	RG-58U	200M
	RG-59U	300M
	RG-6U	400M
Operating Temperature	Temperature:-15° c to +55° c	
Humidity	Less Than 90%	
Power Consumption(approx.)	6W	
Power Requirements	110V AC/60,50Hz , 230V AC/50,60Hz	
Dimensions	218mm(L) x 44mm(H) x 96mm(D)	
Weight (approx.)	620g	