



### Specification

(SONY CCD)

Model	TS-506EHPSC	TS-506EPSC	TS-506HPSC	TS-506PSC
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)			
	High Res.	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)
Picture element Effective	768(H) x 494(V)	510(H) x 492(V)	752(H) x 582(V)	500(H) x 582(V)
Horizontal Resolution	600 TVL	420 TVL	600 TVL	420 TVL
Minimum illumination( ACC ON)	0.001 Lux	0.001 Lux	0.01 Lux	0.01 Lux
Light Wave length	400-850nm Infrared wave length	400-850nm Infrared wave length	400-700nm	400-700nm
Synchronizing system	Internal Sync .			
Interlace	2:1 interlace			
Video output level	1.0V(p-p) (75 ohms, composite)			
Video S/N ratio	More than 50dB(AGC off )			
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	1			
Built-in Lens(Lens optional)	Board Lens 3.6mm F2.0(Lens Optional:3mm,6mm,8mm,12mm)			
Submergible Deep	3 Atmospheric Pressuurs (3PSI)			
Environmental conditions	Temperature:-15°C to+ 55°C			
Operating temperature	Temperature:-20°C to+ 70°C			
Storage temperature	Temperature:-20°C to+ 70°C			
Power Supply	DC Power Supplied From Coaxial cable Power Supply Unit/DC+ 12V			
Power consumption (approx.)	2.1W			
Dimension(s)approx)	28mm(DIA) x 102mm(L)			
Weight(approx)	2.2Kg			
Accessones & Weight	RU-58U x 15M or 30M as optional Mounting Bracket Coaxial cable power supply			

### 1/3" B/W IR-WAVE NI-VISION HIGH RESIAUTION CCD CAMERA

	HIGH RESOLUTION	STANDARD RESOLUTION	HIGH RESOLUTION	STANDARD RESOLUTION	POWER SOURCE
1/3"	TS-506EHPSC	TS-506EPSC	TS-506HPSC	TS-506PSC	ONE CABLE or DC+12V
Resolution	600 TVL	420 TVL	600 TVL	420 TVL	
Min illumination	0.001 Lux	0.001Lux	0.01 Lux	0.01 Lux	
Light	EXVIEW CCD	EXVIEW CCD			
Wave length response	400-850nm In far-red Wave length	400-850nm In far-red Wave length	400-700mm	400-700mm	

### Coaxial cable Power Supply Specificiontion

To Camera	VS1.0.Vp-p/75ohm
To Monitor	VS1.0.Vp-p/75ohm
Camera Power Supply System	DC Constant Current Over Coaxial cable
Maximum Cable Legth	200M
RG-58U	350M
RG-59U	500M
RG-61U	
Operating Temperature	Temperature:-15° c to +55° c
Humidity	Less Than 90%
Power Consumption(approx.)	4.5W
Power Requirements	110V AC/60,50Hz , 230V AC/50,60Hz
Dimensions	6mm(W) x 44mm(H) x 96mm(D)
Weight (approx.)	600g