



Specifications

Model	TS-6020 EHPSC	TS-6020 EPSC	TS-6020 HPSC	TS-6020 PSC
Scanningsystem	NTSC		PAL	
Image sensor (device)	SONY EXVIEW HAD Ultra High Sensitivity CCD Sensor			
Image size	1/3" (approx. 4.8 mm x 3.6 mm)			
Chip size	6.0mm (H) x 4.96mm (V)			
	Exview & High Res.	Exview & Standard Res.	High Res.	Standard Res.
Picture element	811(H) x 508(V)	537(H) x 509(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	550 TV Line	480 TV Line	550 TV Line	480 TV Line
Minimum illumination	0.01 Lux	0.01 Lux	0.05 Lux	0.05 Lux
Light Wave length	400-850nm (Infra-red)	400-850nm (Infra-red)	400-700nm	400-700nm
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) (75 ohms, composite)			
Video S/N ratio	More than 50 dB (AGC off)			
Day & Night (option)	Under Light 2 Lux			
White Balance	ATW large range: 2400°K To 11000°K			
Electronic iris	Setting ON			
Lens option	3.6mm, 6mm, 8mm, 12mm			
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	Board Lens 3.6mm Fixed iris F2.0			
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 cable Power Supply Unit / DC+12V			
Power consumption (approx.)	3W			
Dimensions (approx.)	110mm(L) x 32mm(DIA)			
Weight (approx.)	2.2Kg			
Accessories	RG-58 U x 15M or 30M cable as optional Mounting Bracket Coaxial cable Power Supply			

IR-WAVE NI-VISION DIGITAL CCD COLOR CAMERA

	EXVIEW HIGH RESOLUTION	EXVIEW STANDARD RESOLUTION	HIGH RESOLUTION	STANDARD RESOLUTION	POWER SOURCE
1/3"	TS-6020EHPSC	TS-6020EPSC	TS-6020HPSC	TS-6020PSC	ONE CABLE DC+12V
1/3"	TS-6021EHPSC	TS-6021EPSC	TS-6021HPSC	TS-6021PSC	
Resolution	550 TVL	480 TVL	550 TVL	480 TVL	
Min illumination	0.01 Lux	0.01 Lux	0.05 Lux	0.05 Lux	
Light	EXVIEW CCD	EXVIEW CCD			
Wave length	400-850nm	400-850nm	400-700nm	400-700nm	
Response	Infra-red Wave length	Infra-red Wave length			

Coaxial cable Power Supply Specification

To Camera	VS1.0Vp-p/75 ohm	
To Monitor	VS1.0Vp-p/75 ohm	
Camera Power Supply System	DC Constant Current Over Coaxial cable	
Maximum Cable Length	RG-58 U	200M
	RG-59 U	350M
	RG-6 U	500M
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	106mm(L) x 44mm(H) x 96mm(D)	
Weight (approx.)	600g	