



Specifications

Model	ONECABLE	TS-6090EHPSC / TS-6090EPSC / TS-6090HPSC / TS-6090PSC			
	DC+12V	TS-6091EHPSC / TS-6091EPSC / TS-6091HPSC / TS-6091PSC			
Scanning system		NTSC		PAL	
Image sensor (device)		SONY EXVIEW HAD UltraHigh Sensitivity CCD Sensor			
Image size		1/3" (approx. 4.8mm x 3.6mm)			
		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		550 TV Line	480 TV Line	550 TV Line	480 TV Line
Minimum illumination	IR OFF	0.01 Lux	0.01 Lux	0.05 Lux	0.05 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:40 deg Pw:200mW			
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			
Filter of Day & Night		IR Cut Filter Removable			
Built-in Lens.Type		DC Iris Varifocal Lens			
	Zoom Ratio	2.5X			
	Focal Length	3.6 ~ 9.0mm or 9 ~ 22mm as optional			
	Angle Field of View	H :31.6°~ 77.18° V:23.73°~ 56.73°			
	Iris Range	F1.6(3.6mm) – F2.4(9.0mm) F1.8(9.0mm) – F2.8(22.0mm)			
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.)		121 mm(L) x 74 mm(DIA)			
Weight (approx.)		3kgs			
Accessories		RG-58U x 30M or 15M cable as optional Mounting Bracket Coaxial cable Power Supply			

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

	EXVIEW HIGH RESOLUTION	EXVIEW STANDARD RESOLUTION	HIGH RESOLUTION	STANDARD RESOLUTION	POWER SOURCE
1/3" 1/3"	TS-6090EHPSC TS-6091EHPSC	TS-6090EPSC TS-6091EPSC	TS-6090HPSC TS-6091HPSC	TS-6090PSC TS-6091PSC	ONE CABLE DC+12V
Resolution	550 TVL	480 TVL	550 TVL	480 TVL	
Minimum illumination	IR OFF 0 LUX	IR OFF 0 LUX	IR OFF 0 LUX	IR OFF 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 : 40 deg Pw : 200mW				
Lens	VF 3.6-9mm or 9-22mm Lens as optional W/IR Cut				

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	