

One Cable



Specifications

Model	ONECABLE DC+12V	TS-507EHPSC	TS-507EPSC	TS-507HPSC	TS-507PSC
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 (F1.2 AGC ON)	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		30 Units	30 Units	30 Units	30 Units
Distance		40 M	40 M	20 M	20 M
IR power ON		Under 10 Lux By CDS Auto Control			
IR LED Character		Wavelength: 840 nm 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) (75 ohms, composite)			
Video S/N ratio		More than 52 dB (AGC off)			
Day & Night (option)		Under lighting 2 Lux			
White Balance		ATW large range: 2400 °K To 11000 °K			
Electronic iris		Setting ON			
Lens option		12mm, 8mm, 6mm, 3.6mm			
Auto Exposure(AE) system		Auto electronic iris 1/50(1/60)-1/100,000 sec			
Back light Compensation		Active Histogram plus window weight BLC			
Gamma		0.45			
Built-In Lens		Board Lens 3.6mm. Fixed iris F2.0			
Environmental conditions		Temperature: 10 °C to +50 °C, Humidity: within 90% RH			
Operating temperature		Temperature: 20 °C to +70 °C, Humidity: within 70% RH			
Storage temperature					
Power Supply		DC Power Supplied From Coaxial cable Power Supply Unit / DC+12V			
Power consumption(approx.)		3W			
Dimensions (approx.)		110mm(L) x 60mm(DIA)			
Weight (approx.)		2.9kgs			
Accessories & Weight		RG-58 U x 15M or 30M as optional Mounting Bracket Coaxial cable Power Supply			

NIGHT VISION

IR-WAVE NI-VISION DIGITAL CCD B/W CAMERA

	EXVIEW HIGH RESOLUTION	EXVIEW STANDARD RESOLUTION	HIGH RESOLUTION	STANDARD RESOLUTION	POWER SOURCE
1/3"	TS-507EHPSC	TS-507EPSC	TS-507HPSC	TS-507PSC	ONECABLE DC+12V
1/3"	TS-507EHPSC	TS-507EPSC	TS-507HPSC	TS-507PSC	
Resolution	600 TVL	480 TVL	600 TVL	480 TVL	
Min illumination	0.001 LUX	0.001 LUX	0.01 LUX	0.01 LUX	
(F1.2 AGC ON) P OFF	0 Lux	0 Lux	0 Lux	0 Lux	
IR Power ON	Under 10 Lux By CDS Auto Control				
LED	30 Units	30 Units	30 Units	30 Units	
Distance	40 M	40 M	20 M	20 M	
IR LED Character	Wavelength: 840 nm Angle: 40 deg Pw: 200mW				

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	350M
	RG-6U	500M
Operating Temperature	Temperature: -15 °c to +55 °c	
Humidity	Less Than 90%	
Power Consumption (approx.)	6 W	
Power Requirements	110V AC/60,50Hz, 230V AC/50,60Hz	
Dimensions	106 mm(W) x 44mm(H) x 96mm(D)	
Weight (approx.)	620 g	