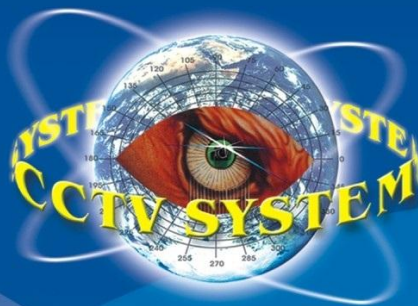


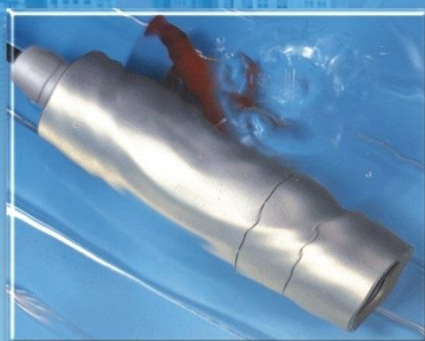
TRACER®



DSP HIGH RESOLUTION COLOR SUBMERGIBLE CAMERA With EFFIO-E System

IP camera as option

NEW



TS-6020HPSC

IP68 Waterproof
Patent No.164157.197050

	SUPER HIGH RES. & EXVIEW	HIGH RES. & EXVIEW	SUPER HIGH RES.	HIGH RESOLUTION	POWER SOURCE
1/3"	TS-6020EHHPSC	TS-6020EHPSC	TS-6020HHPSC	TS-6020HPSC	ONE CABLE
1/3"	TS-6021EHHPSC	TS-6021EHPSC	TS-6021HHPSC	TS-6021HPSC	DC+12V
Resolution	680 TVL	600 TVL	680 TVL	520 TVL	
Min illumination	0.005 LUX	0.005 LUX	0.01 LUX	0.01 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			

※ H:HIGH RESOLUTION ※ HH:SUPER HIGH RESOLUTION ※ EH:EXVIEW & HIGH RESOLUTION
※ EHH:SUPER HIGH RESOLUTION & EXVIEW

FEATURES :

- EFFIO-E DSP / High Resolution
- The Submergible Color Camera to apply for indoor, outdoor, and under the water.
- 15M, or 30M, or option of camera cable.
- Multi-purpose color camera could be with high resolution, Super high resolution, high resolution & ex-view, and Super high resolution & ex-view for different requirement.

CCTV SYSTEM

CE FC
ISO 9001

Specifications

Model		COLOR SUBMERGIBLE CAMERA W/Effio-E DSP			
Image sensor (device)		SONY EXVIEWHAD Ultra High Sensitivity CCD Camera			
Image size		1/3" (approx. 4.8mm x 3.6mm)			
DSP		Effio-E DSP			
Chip size		6.0mm (H) x 4.96mm (V)			
Scanning system		NTSC or PAL system as optional			
Model Number	AC	TS-6020EHPSC	TS-6020EHPSC	TS-6020HHPSC	TS-6020HPSC
	DC	TS-6021EHPSC	TS-6021EHPSC	TS-6021HHPSC	TS-6021HPSC
		(Super) High Resolution & Ex-View	High Resolution & Ex-View	(Super) High Resolution	High Resolution
Picture element	PAL	1020(H)x596(V)	795(H)x596(V)	1020(H)x596(V)	537(H)x597(V)
	NTSC	1020(H)x508(V)	795(H)x596(V)	1020(H)x508(V)	537(H)x508(V)
Horizontal Resolution		680 TVL	600 TVL	680 TVL	520 TVL
Minimum illumination		0.005 Lux	0.005 Lux	0.01 Lux	0.01 Lux
Light Wavelength		400-850nm Infra-red		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		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.)		1.2W			
Constant Current		AC / One Cable Type : <u>Not Exceed 100mA</u>			
Dimensions (approx.)		110mm(L) x 32mm(DIA)			
Weight (approx.)		2.2Kg			
Accessories		RG-58U x 15M or 30M cable as optional Mounting Bracket Coaxial cable Power Supply			

IR-Wave Ni-Vision Digital CCD Color Camera

	(Super) High Res. &Ex-View	High Res. &Ex-View	(Super) High Resolution	High Resolution	POWER SOURCE
1/3"	TS-6020EHPSC	TS-6020EHPSC	TS-6020HHPSC	TS-6020HPSC	One Cable
1/3"	TS-6021EHPSC	TS-6021EHPSC	TS-6021HHPSC	TS-6021HPSC	DC+12V
Resolution	680 TVL	600 TVL	680 TVL	520 TVL	
Min illumination	0.005 LUX	0.005 LUX	0.01 LUX	0.01 LUX	
Light	EXVIEW CCD	EXVIEW CCD			
Light Wave length	400-850nm Infra-red Wave length	400-850nm Infra-red Wave length	400-700nm	400-700nm	

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 【Copper wire impedance 20 Ω (ohm)】
	RG-59U	350M 【Copper wire impedance 20 Ω (ohm)】
	RG-6U	500M 【Copper wire impedance 20 Ω (ohm)】
Operating Temperature	Temperature:-15°C to +55°C	
Humidity	Less Than 90%	
Power Consumption(approx.)	4.7W	
Power Requirements	110V AC/60,50Hz, 230V AC/50,60Hz	
Dimensions	106mm(L) x 44mm(H) x 96mm(D)	
Weight (approx.)	600g	

