



CCTV SYSTEM

DSP COLOR SEA(SALT) WATER CAMERA



IP68

Patent No.D111595,164157,197050

TS-6050EHPSC

FEATURES:

- DSP Color Sea(Salt) Water Camera to apply for indoor, outdoor, Salt Water, Sea Water, Sea Coast, Boat, Beach, Swimming Pool, Swimming Training, Fishing Pond, Fishing River....
- Multi-purpose as project requirement

NIGHT VERSION IR-WAVE N I-VIS ION DIGITAL CCD COLOR CAMERA

	EXVIEW HIGH RESOLUTION	POWER SOURCE
1/3"	TS-6050EHPSC	ONECABLE
1/3"	TS-6051EHPSC	DC 12V
Resolution	550 TVL	
Min Illumination	0.01 LUX	
Light	EXVIEW CCD	
Wave length	400-850nm	
Response	Infra-red Wave length	

※ EXVIEW HIGH RESOLUTION

Specifications

Model	TS-6050EHPSC / TS-6051EHPSC	
Scanning system	NISC	PAL
Image sensor (device)	SONY EXVIEW HAD Ultra High Sensitivity CCD Sensor	
Image size	1/3" (approx. 4.8 mm x 3.8 mm)	
Outer coating material	NIPUREN	
Size on front outer casing	SLK316	
Front glass	5mm thickness reinforce glass	
Cable	Sea water cable	
	High Res. & Ex View	High Res. & Ex View
Picture element	All	
Effective	811 (H) x 508 (V)	795 (H) x 500 (V)
	768 (H) x 494 (V)	752 (H) x 582 (V)
Horizontal Resolution	550 TV Line	
Minimum Illumination	0.01 Lux AGC On	
	0 Lux Under Infra-red Illumination	
Light Wavelength	400-850nm Infra-red / 400-850nm Infrared	
Infra-red Wavelength	780nm to 1100nm	
Optical black	Horizontal	3: in front, 40: in back
elements	Vertical	12: in front, 2: in back
Chip size	6.0mm (H) x 4.96mm (V)	
Synchronizing system	Internal Sync.	
Interface	2:1 interface	
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	Under Light 2 Lux	
White Balance	ATW large range: 2400 °K to 1000 °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 window weight BLC	
Gamma	1	
Built-in Lens	Board Lens 3.6mm Fixed iris F2.0	
Environmental condition	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 Power Supply Unit / DC+12V	
Power consumption (approx.)	3W	
Dimensions (approx.)	157x76x186.5 (mm)	
Weight (approx.)	2.2kg	
Accessories	Sea water cable: AC x 50M / DC x 30M Stainless Mounting Bracket & Sunshield AC: Coaxial cable Power Supply DC: 500mA Adaptor	

Coaxial cable Power Supply Specification

To Camera	VST.0V-p:75 ohm
To Monitor	VST.0V-p:75 ohm
Camera Power Supply system	DC Constant Current Over Coaxial cable
Maximum Cable Length	AC type: 50M or 100M optional DC type: 30M
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

