

### One Cable



### SPECIFICATIONS

Model (IP68)	DC12V	TS-8010EH	TS-8010E	TS-8010H	TS-8010
	One Cable	TS-8012EH	TS-8012E	TS-8012H	TS-8012
Scanning System	NTSC		PAL		
Image Sensor (device)	1/3" SONY EXVIEW HAD Ultra High 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)x508(V)	537(H)x505(V)	795(H)x596(V)	537(H)x597(V)
	Effective	768(H)x494(V)	510(H)x492(V)	752(H)x582(V)	500(H)x582(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				
LED	24 Units				
Distance	15M				
Optical Black Element	Horizontal	3.in front, 40.in back			
	Vertical	12.in front, 2.in back			
Chip Size	6.0mm(H) x 4.96mm(V)				
Synchronizing System	Internal Sync.				
Interface	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 50dB (AGC OFF)				
Day & Night (Option)	Under Light 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	VF 3.6 ~ 9.0mm or 9 ~ 22mm as optional				
Angle Field of View	H:31.66°~77.18° V:23.73°~56.73°				
Iris Range	F 1.6(3.6mm) - F2.4(9.0mm)				
	F 1.8(9.0mm) - F2.8(22.0mm)				
Environmental conditions	Operating temperature: -10°C to +50°C, Humidity: within 90% RH Storage temperature: -20°C to +70°C, Humidity: within 70% RH				
Power requirement	DC+12V, One Cable				
Power consumption(approx.)	3.6W				
Dimensions (approx.)	138mm(DIA) x 95mm(H)				
Weight (approx.)	1.16kg				

### NIGHT VERSION

#### IR-WAVE NI-VISION DIGITAL CCD COLOR VF VANDAL DOME CAMERA W/VF LENS

	EXVIEW HIGH RESOLUTION	EXVIEW STANDARD RESOLUTION	HIGH RESOLUTION	STANDARD RESOLUTION	POWER SOURCE
1/3"	TS-8010EH	TS-8010E	TS-8010H	TS-8010	DC+12V
1/3"	TS-8012EH	TS-8012E	TS-8012H	TS-8012	ONE CABLE
Resolution	550 TVL	480 TVL	550 TVL	480 TVL	
Min illumination	0.01 Lux	0.01 Lux	0.05 Lux	0.05 Lux	
LED	24 Units				
DISTANCE	15 M				
IR LED Character	Wavelength : 840nm Angle : 40deg Pw : 200mW				
Lens	VF 3.6-9mm or 9-22mm as optional W/IR Cut filter removable				

### 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	200M
RG-58U	350M
RG-59U	500M
RG-6U	
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.)	600g