



Super High Resolution Camera



Thermal Imaging Camera



DUAL VIDEO STATIC WEATHERPROOF CAMERA ULTIMATE SURVEILLANCE SOLUTION

THERMAL IMAGING CAMERA

- 320 x 240 Clear Video Resolution (Thermal Imaging)
- NETD : <50mk
- Pixel Pitch : 17 μ m

SUPER HIGH RESOLUTION CAMERA

- 1/3" 960H Sony Super HAD CCD II

MECHANISM

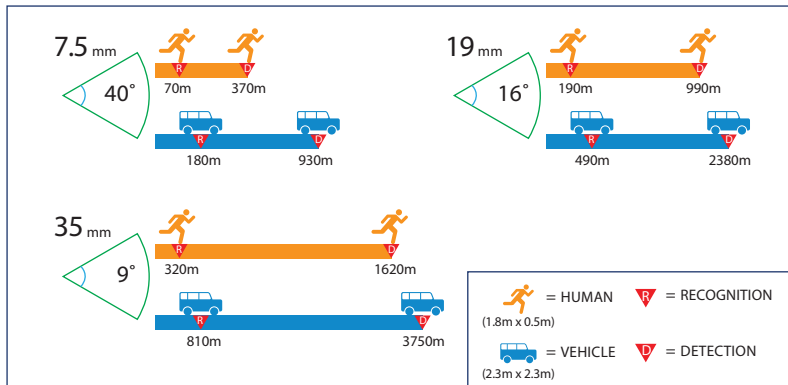
- 1,000 Hours Salt Spraying Test Passed (option)
- External OSD Key Control (Open Type Control Panel)
- Concealed Cable Through Type with Junction Box Included
- Easy to Adjust 3-Axis Bracket



ULTIMATE SURVEILLANCE SOLUTION

TPV-SW - BDT is a stable static night vision camera equipped with a micro bolometer thermal imaging camera along with super high resolution color camera. It is ideal for short and medium-range perimeter surveillance purposes and provides remarkable sharp and detailed images under ultimate harsh weather conditions.

EXCELLENT RANGE PERFORMANCE



DIMENSIONS



SPECIFICATIONS

Model	TPV - SW - BDT
THERMAL MODULE	
SENSOR	
Thermal Sensor	Uncooled Vox Micro Bolometer
Pixel Pitch	17 μ m
Wave Length	8 ~ 14 μ m
NETD	<50mK / F1.0
Resolution	320 x 240 (NTSC)
Lens	7.5mm (FOV 40° x 30°)[Basic], 19mm (FOV 16° x 12°) / 35mm (FOV 9° x 6.7°)(Option)
FUNCTION	
Calibration	Auto
IDE(Image Digital Enhancement)	LOW / HIGH (Option)
Inverse Mode	Image Mode (White Hot/Black Hot)
Gain Control	AGC / Freeze AGC
D-Zoom	x4 (12 Step)
OSD Menu	No
CAMERA MODULE	
Image Sensor	1/3" 960H Sony Super HAD CCD II
Total Pixels	1020(H) x 508(V):NTSC, 1020(H) x 595(V):PAL
Effective Pixels	976(H) x 494(V) / 480K:NTSC, 976(H) x 582(V) / 570K:PAL
Scanning System	2:1 Interlace
Scanning Frequency	(Horizontal)NTSC : 15.735KHz, PAL : 15.625KHz, (Vertical)NTSC : 59.94Hz, PAL : 50Hz
Synchronization	Internal
Horizontal Resolution	700 TV Line
S/N Ratio	52dB(AFC OFF)
Min. Illumination	0.005Lux / f/1.2
Video Output	CVBS : 1.0Vp-p / 75 Ω
OSD	OSD Control Board
Lens	Manual Varifocal Lens : 6 ~ 50 mm f/1.4
MECHANISM	
Dimensions	239mm(W) x 112mm(H) x 145mm(D)
Weight	2073g
Certifications	CE, FCC, IP66
Outside Control	OSD
POWER	
Power Consumption	DC12V / 1A 12W (Peak)
Power Supply	DC12V 1.3A
ETC.	
External Interface	RS-485 (Pelco-D 2400 / 4800 / 9600bps)
Operating Temperature	-40°C ~ 55°C

FEATURES

- 320 x 240 Clear Video Resolution (Thermal Imaging)
- Lowest NETD : <50mk (Temp. Range : -40°C ~ 80°C)
- 1,000 Hours Salt Spraying Test Passed (Option)
- External OSD Key Control (Open Type Control Panel)
- Concealed Cable Through Type with Junction Box Included
- Easy to Adjust 3-Axis Bracket

IMAGE MODE



Inverse ON(Black Hot)



Inverse OFF(White Hot)

