

Thermal Imaging Camera

THERMAL IMAGING WEATHERPROOF CAMERA ULTIMATE SURVEILLANCE SOLUTION

THERMAL IMAGING CAMERA

- 720 x 480 Super Clear Video Resolution (Thermal Imaging) with patented QIET(Quality Image Enhancement Technology)
- AOZ (Advanced Optimal Zoom)
- Built-in TEC (Thermo Electric Controller)
- Direct Short Key Controls on Control Board
- Lowest NETD : 40mk

MECHANISM

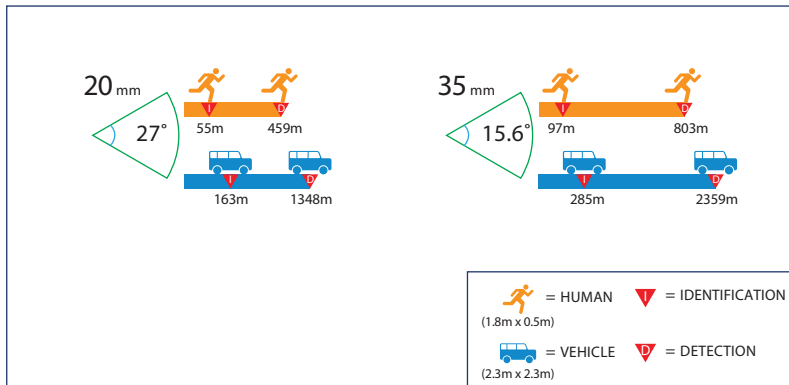
- 1,000 Hours Salt Spraying Test Passed
- External OSD Menu Key Control (Open Type)
- Concealed Cable Through Type with Junction Box Included
- Easy to Adjust 3-Axis Bracket



ULTIMATE SURVEILLANCE SOLUTION

TPV-SW is a stable static night vision camera equipped with a micro bolometer thermal imaging sensor. Embedded with QIET(Quality Imaging Enhancement Technology) , AOZ(Advanced Optimal Zoom) and Virtual PTZ 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
THERMAL MODULE	
SENSOR	
Thermal Sensor	Uncooled Micro Bolometer
Pixel Pitch	25 μ m
Wave Length	8 ~ 14 μ m
NETD	40mK / F1.0
Output Frequency	NTSC : 59.94Hz (30fps), PAL : 50Hz (25fps)
Video Output	CVBS : 1.0Vp-p / 75 Ω
Resolution	720 x 480 (NTSC) / 720 x 576 (PAL)
Lens	20mm (Basic), 35mm (Option)
FUNCTION	
Calibration	Auto / Manual / Interval (10sec~3,600sec, 10sec step) Mode Selectable
Image Flip	Vertical, Horizontal ON / OFF
Invers Mode	ON / OFF
Freeze Mode	ON / OFF
AGC Mode	Mode : Mode (1, 2, 3, 4), OFF / AGC Level : 5 steps (x1.0, x1.5, x2.0, x2.5, x3.0)
Temperature Range Process	MIN / MAX Temperature Range Selectable
Output Mode	NTSC / PAL Mode Selectable
Image Mode	B/W and Three Color Modes
D-Zoom(AOZ)	x4 (15 steps)
OSD Menu	Yes
MECHANISM	
Dimensions	239mm(W) x 112mm(H) x 145mm(D)
Weight	2350g
Certifications	CE, FCC, IP66
Outside Control	Focus, OSD
POWER	
DC Type	
Power Consumption	DC12V 0.35A 4.2W (Normal Status) DC12V 1.1A 13.2W (Peak)
Power Supply	DC12V 1.5A
ETC.	
External Interface	Rs-485 (Pelco-D 2400 / 4800 / 9600bps), KEYPAD (5Key)
Operating Temperature	-35 $^{\circ}$ C ~ 55 $^{\circ}$ C

FEATURES

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VARIOUS COLOR SETS

