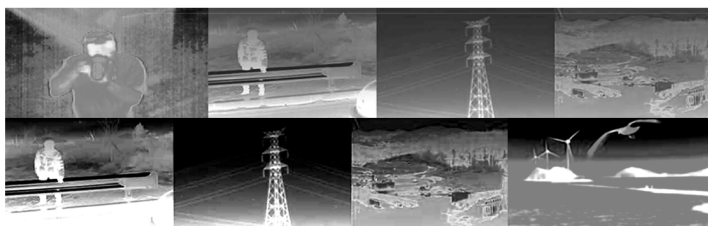


COR-TM3

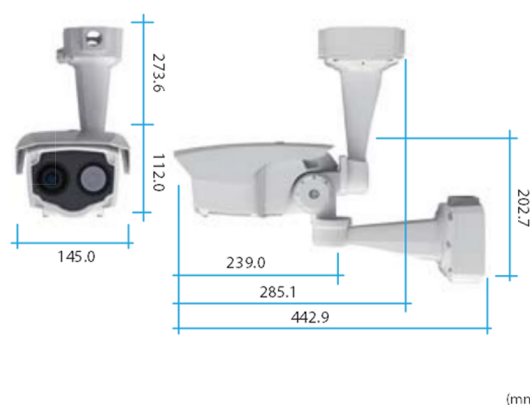
OUTDOOR PAN-TILT-ZOOM w/ THERMAL IMAGING

The COR-TM3 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 the harshest weather conditions.



- 6-50mm Manual Varifocal Lens
- Thermal Imaging Video Output
- Sony™ Super HAD CCD II Sensor
- >700 TV-Line CCTV Resolution
- 960H Generation Image Capture
- Stable Static Micro Bolometer Technology

DIMENSIONS



THERMAL VIDEO SYSTEM SPECIFICATIONS

THERMAL SENSOR	Uncooled Vox Micro Bolometer
THERMAL RESOLUTION	320 x 240 pixels
THERMAL LENS	7.5mm (Available with 19mm or 35mm optional lens)
THERMAL SENSITIVITY	<50mK / F1.0 (NETD)

CCTV VIDEO SYSTEM SPECIFICATIONS

VIDEO SENSOR	1/3" 960H Sony™ Super HAD CCD II
TOTAL PIXELS	1020(H) x 494(V) , or 480k
LENS	6-50mm, manual varifocal (F 1.4)
SCANNING SYSTEM	2:1 Interlace
HORIZONTAL RES.	700 TV-Lines or greater
S/N RATIO	52dB (AFC off)
MIN. ILLUMINATION	0.005 LUX

OVERALL SYSTEM SPECIFICATIONS

OSD	OSD Control Board with: Vertical & Horizontal Image flip, Auto Calibration, White Hot, Black Hot, AGC, Freeze AGC, Digital Zoom,
WEIGHT	4.6lbs (2.1kg)
DIMENSIONS	9.4"(W) x 4.4"(H) x 5.7"(D) (239mm x 112mm x 145mm)
CERTIFICATIONS	CE, FCC, IP66
WEATHERPROOF	Outdoor rated IP66
OPERATING TEMP.	-31° F to 149° F (-35° C to 65° C)
WAVELENGTH	8 to 14 μ m
PIXEL PITCH	17 μ m



THERMAL IMAGING MODES



This thermal imaging camera (sometimes called a TIC) produces images in the complete absence of visible light, by using the infrared light that is generated on the atomic level by all objects. A TIC does not require an external source of infrared light, works in total darkness, and can "see" through smoke, fog and rain. The warmer an object is, the more thermal energy it radiates as infrared light. This camera offers two ways to view the thermal camera video. Users can select emphasis on warm objects using either black, or white (see above).



COR-TM3

