

COR-TM1

OUTDOOR PAN-TILT-ZOOM w/ THERMAL IMAGING

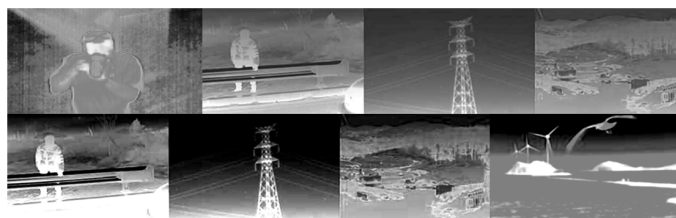
Micro Bolometer Technology with Advanced Zoom



Weatherproof Aluminum Housing with IP68 Rating, good for indoor or outdoor placement.

Camera shown with Optional Bracket

- Zoom In on Security Threats
- 720x480 Color Thermal Images
- IP68 Weatherproof Construction
- Multiple Color Imaging Modes
- 8 Group Tours with up to 60 Preset Steps



THERMAL VIDEO SPECIFICATIONS: MODEL COR-SPTM1

THERMAL SENSOR	Uncooled Vox Micro Bolometer
WAVELENGTH	8 to 14 μm
PIXEL PITCH	25 μm
RESOLUTION	720 x 480 pixels
LENS	20mm (Available with 35mm optional lens)
THERMAL SENSITIVITY	40mK / F1.0 (NETD)
VIDEO OUTPUT	1Vp-p, 75 Ohm Imped. (CVBS CCTV composite signal)
IMAGING MODES	Color (3 modes) or black/white
FUNCTIONS	
CALIBRATION MODES	Auto & Manual
DEGREE DETECTION	Min-to-Max Selectable Temperature Range
DIGITAL ZOOM	4x in 15 steps (Optimized Magnification Format)
INVERSE MODE	Yes
IMAGE FLIP	Yes
AGC	Off/On with 5 Levels
PRESETS	165 Positions w/ Selectable Speed & Freeze Options
GROUP TOUR	Up to 8, with up to 60 preset steps
AUTO SCAN	Yes, programmable format
PATTERN MEMORY	Up to 8 saved patterns (duration of 480 seconds max.)
OSD MENU	Yes
ELECTRICAL & MECHANICAL	
PAN	0°-360° Continual
TILT	0°-360° Continual
PAN SPEED	0.5° - 200°/s. (manual), 200°/s. Max (preset)
TILT SPEED	0.5° - 200°/s. (manual), 200°/s. Max (preset)
ACCURACY	>0.023°
COMMUNICATION	RS485
ALARM	Four states and two auxiliary outputs
MATERIAL	Die-Cast Aluminum
TEMPERATURE	-40°-60°C (Storage), -30° -55° (Operational)
CERTIFICATIONS	CE, FCC, IP68
POWER	24VAC



Camera shown without Optional Bracket

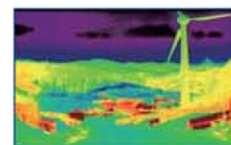
This thermal imaging camera (sometimes called a TIC) produces images in the complete absence of visible light, by using the infrared light that is generated on the atomic level by all objects. A TIC does not require an external source of infrared light, works in total darkness, and can "see" through 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.

FCC CE

THERMAL IMAGING MODES



BLACK & WHITE



RAINBOW



IRON



GLOWBOW

COR-TM1

