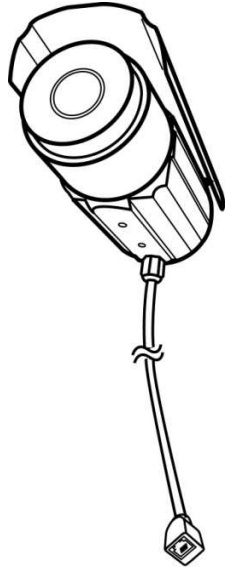


GEOLUX TVC-100 THERMAL IP CAMERA

THERMAL SURVEILLANCE • H.264 ENCODING • POWER-OVER-ETHERNET

PRODUCT FEATURES

- Detects humans up to 5.2 km ahead, and vehicles up to 12 km ahead (detection distance depends on the lens type)
- Powered by Geolux X14 DSP engine
- Compact, low-power design
- Detect object at night, through smoke or fog
- IP camera connect to Ethernet network
- Supports advanced H.264 video encoder
- Analog video output
- Power supply through Power-over-Ethernet (PoE) to reduce installation and maintenance costs
- Web-based user interface for camera setup and configuration
- ONVIF compatible
- Dynamic DNS support
- PPP-over-Ethernet (PPPOE) support
- IP66-rated enclosure provides high level of protection



INTRODUCTION

Geolux TVC-100 digital thermal camera is a state-of-the-art thermal surveillance IP camera. Utilizing Ethernet connector, with PoE support and H.264 video encoding, the TVC-100 can easily be integrated in any existing video surveillance infrastructure. Wide range of available lens (9mm, 15mm, 25mm, 35mm, 50mm, 75mm, 100mm, 150mm, 200mm) makes TVC-100 perfectly suitable for any application and environment.

Simple web-based user interface for camera configuration allows the camera configuration to be changed remotely. The camera supports advanced protocols and standards, such as ONVIF, DDNS and PPPOE.

The TVC-100 will let you see objects in complete darkness, through dust, smoke and light fog. TVC-100 camera core thermal sensitivity reaches 50mK, resulting in clear cut, crisp video. Geolux TVC-100 can detect an object with temperature difference of only 0.05 degrees in temperature variance, which greatly improves target detection distance and visual contrast.

TVC-100 thermal cameras can be used in any security application where threat detection under all environmental conditions is necessary. TVC-100 cameras can easily be used alongside standard visual surveillance cameras and Geolux microwave radar intrusion detectors.

PRODUCT SPECIFICATION

THERMAL SENSOR

Detector Type	Focal Plane Array (FPA) uncooled micro bolometer
Resolution	384 x 288
Spatial Resolution	2.95 mrad
Frame Rate	30 fps
Spectral Range	8 ~ 14 um
NETD	50 mK @ 30°C
Digital Zoom	4 x

INTERFACE

Digital Video	Ethernet, PoE
Analog Video	NTSC 60 Hz / PAL 50 Hz composite (optional)

MECHANICAL

Weight	2 kg
Enclosure	IP66
Size (L x W x H)	230 mm x 90 mm x 90 mm
Operating Temp.	-35°C to +50°C
Storage Temp.	-40 °C to +70°C