

MPN: 0070-09113

Deimos-Ultra-OWL-Thermal 25mm Dual Sensor Camera. 384×288 thermal and 4 MP visible sensors- NDAA

Deimos-OWL-UX-614T25

The Bispectral series camera the best in both thermal and visible imaging technologies for real-time scene views for the most challenging surroundings. This means in any lighting condition—wind, rain, fog, snow—your security cameras will be able to capture the incident as it unfolds, send an alert to relevant personnel or deter intruders with sound and light, and collect detailed information to for forensic review.

Ernitec provides humanoid, vehicle detection and powerful behavior analyses (intrusion, single line crossing, double line crossing, loitering, wrong-way, enter area and leave area, people counting) for thermal cameras are based on deep learning algorithm, allowing Camera alarm accuracy and reduction of false alarms.

This bi-spectral camera focuses on infrared temperature measurement algorithms, which can intelligently detect events such as smoking, fire points, smoke and fire.

With multiple fields of view options, dual stream capabilities, and optional electric focusing lenses, these fixed cameras can be mounted on the structure you need to solve the requirements of special scenes and achieve remote monitoring objectives.

- 12 μm VOx uncooled thermal sensor with 384 × 288 resolution
- Visible: 1/1.8" CMOS 2688(H) × 1520(V)
- Thermal: 25mm fixed lens. Visible 10–30 mm Motorized focus
- Support human and vehicle detection
- Support: Intrusion, smart motion detection, single-line crossing, double-line crossing, loitering, wrong-way detection, enter area, leave area; supports human/vehicle target classification, People Counting, Smoke and Flame Detection
- Support 3 temperature measurement rule types (spot, line, area)
- Smart IR distance up to 100m
- Support I/O alarm, RS485, built-in SD card slot
- Accessories: 0070-11825 (corner mount), 0070-11823 (back box), 0070-11824 (pole mount)
- IP66, -40 °C to 60 °C



Specifications

Audio	Audio formats supported	G.711, PCM
	Audio input channels	1 channels
	Audio output channels	1 channels
	Built-in microphone	Yes
	Built-in speaker(s)	Yes
Camera	Camera pan control	No

Camera	Field of view (FOV) angle (thermal module)	H: 10.5°, V: 7.9 °
	Lens viewing angle, horizontal	43.4°–15.5 °
	Lens viewing angle, vertical	23.8°–8.8 °
	Minimum illumination	0.005 lx
Design	International Protection (IP) code	IP66
	Mounting type	Ceiling/Wall/Pole
	Product colour	White
	Weatherproof	Yes
Features	NDAA Compliance	Yes
Image sensor	Effective sensor resolution (thermal module)	384×288 pixels
	Number of effective pixels (H x V)	2688×1520 pixels
	Number of sensors	2
	Optical sensor size	1/1.8 "
	Progressive scan	Yes
	Sensor type	CMOS
	Sensor type (thermal module)	Vanadium Oxide Uncooled Focal Plane Arrays
Lens system	Fixed focal length (thermal module)	2.5 cm
	Focal length range	10–30 mm
Network	Ethernet LAN	Yes
	Wi-Fi	No
Night vision	Infra-red wavelength	850 nm
	LED type	IR
	Night vision	Yes
	Night vision distance	100 m
Operational conditions	Operating relative humidity (H-H)	0 - 95 %
	Operating temperature (T-T)	-40 - 60 °C
Other features	Audio output	1
	Dimensions (WxDxH)	327.40 × 140.04 × 120.72 mm
Performance	Alarm input/output	Yes
	Connectivity technology	Wired
	Dynamic range	120 dB
	Infrared (IR) cut-off filter	Yes
	Number of languages	14
	Placement supported	Indoor & outdoor
	Thermal module	Yes
	Thermal sensitivity (NETD)	30 mK
	Type	IP security camera

Performance	Wide Dynamic Range (WDR)	Yes
Ports & interfaces	Ethernet LAN (RJ-45) ports	1
	RS-485 ports	1
Power	Power consumption (max)	25 W
	Power over Ethernet (PoE)	Yes
	Power source type	PoE+, DC, AC
Security	Alarm input channels	2
	Alarm output channels	2
	Fire detection	Yes
	Human and vehicle targets classification	Yes
	Intelligent Video Surveillance (IVS) system features	Intrusion, Line crossing detection, People counting
	Mirror	Yes
	Temperature measurement range	-20 - 150 °C
	Temperature sensor	Yes
	Video motion detection	Yes
Storage	Maximum memory card size	1 TB
Technical details	Warranty period	5 year(s)
Vendor information	Brand Name	Ernitec
	Homepage	http://www.ernitec.com
	Warranty	5 Year(s)
Video	3D NR (Noise Reduction)	Yes
	Bit rate control	Constant Bit Rate (CBR)/Variable Bit Rate (VBR)
	Privacy masking	Yes
	Total megapixels	4 MP
	Video intelligence analytic	Yes

Other images

