

Camera Station PT36 Thermal

GENERAL DESCRIPTION

The PT-36 is a weatherproof camera station designed for nighttime surveillance in marine environment. The key purpose is to detect oil spills on water surface, as well as personnel and vessel detection in total darkness.

The sensor is a long-wave infrared thermal imaging device (8-14micron),
Able to detect a person up to 950m.
(Detect a object:2,5x2,5 square meter up to 2100m)

No cooling unit of the sensor is required, and thus the lifetime is estimated to 20 000 hours.

The camera station is delivered complete and fully tested with camera, lens and telemetry control for HERNIS 400, 250, 200 control systems.



Wiper not included.

Specifications

Item Group	1.2
Video Output	Composite video signal: 1.0V(p-p), 75 Ohms, unbalanced
Lens f/1 (FOV. H x V)	18mm(35°x26°), 25mm(25°x19°), 50mm(13°x10°) or 75mm(8,5°x6,4°)
	50 and 75mm has Motorized Focus
	Min. Focus length on 18mm:7m, 25mm:12m
Picture control	Digital zoom, adjustable contrast
Resolution	320 x 240 pixels
Data signals	RS-422, HE400 protocol
Sensitivity: (NETD)	<0,007°K
Power Supply	30VAC 50/60Hz
Power Consumption (Max)	3A
Operating temperature range	-30°C ~ +50°C (Heating element inside housing)
Operation humidity	Less than 90% Rh (non-condensing)
Weight	15,5 kg
Rotating angle (Pan & tilt)	0-350° & 0-180°
Max Pan speed	40°/sec
Max Tilt speed	20°/sec
Protection	IP 66
Material	Stainless steel, AISI 316L, electropolished
Wind rating	100 knots
Free rotating radius	360 mm
Free height	560 mm
Mounting	Upright or hanging
Option	Sunshield
HERNIS Part Number	096435-533/xxx

Note: All data in the data sheet are subject to change without any notice.

