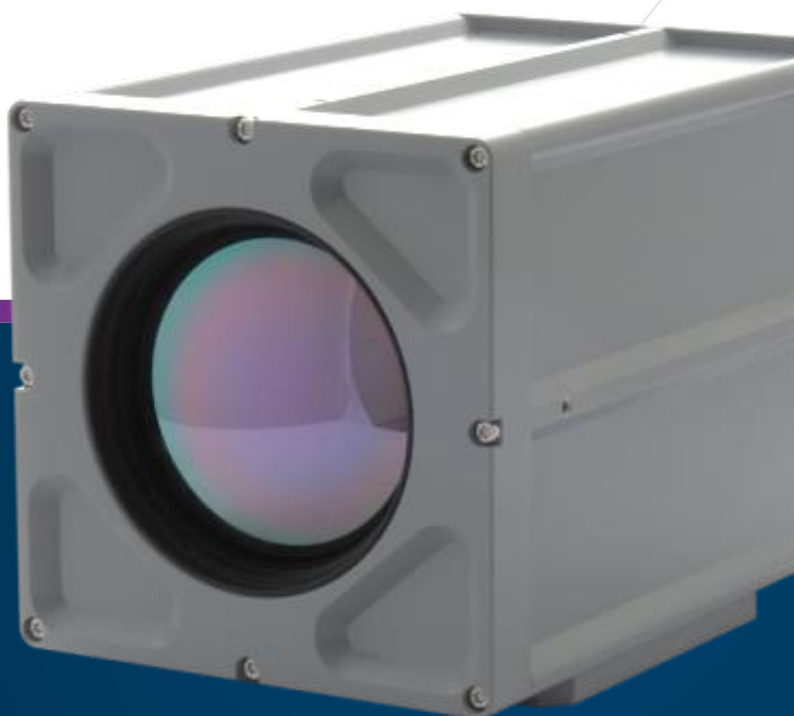


CAMERA

SUMO-U150



Concept of the camera SUMO-U150 offers a cost effective solution for night surveillance applications. This camera is used mainly in short-range monitoring systems.

SUMO-U150 is a very sensitive, highly reliable uncooled thermal camera with continuous 6x optical zoom. There is also a digital zoom 2x, 4x and 8x.

The camera is capable of detecting a human target at a distance of 4 km.

The camera with its accessories is placed in a sealed ruggedized environmental housing to protect optical and electronical parts. The housing includes a protective sun roof. The camera is remote-controlled via a serial line.

Functions: autofocus, color pallets, video enhancement, freeze image, OSD etc.

TECHNICAL SPECIFICATION

Camera module	
Sensor	VOx Microbolometer
Resolution	640 × 512 PAL (640 × 480 NTSC)
Pixels pitch	17 µm
Spectral sensitivity	8 - 12 µm
Sensitivity	<50 mK at f/1,0
Video enhancement	YES
Video output	Analog
Lens	
Zoom	6x optical, 8x digital
Focal length	25 - 150 mm
Field of view	WIDE: 25°18' × 18°58' TELE: 4°6' × 3°4'
Others	
Control interface	RS232
Power supply	24 V DC (18 V - 32 V)
Consumption	8 W (typical)
Operating temp.	-32 °C to +60 °C
Storage temp.	-40 °C to +60 °C
Envir. Protection	IP66
Weight	<7 kg
Dimensions (L x W x H)	270 x 170 x 170 mm
Complies with:	EN 61000, MIL-STD-810, MIL-STD-461