

THERMAL IMAGING SYSTEM

[LW15-100S]

BROLIS



OPTICAL PARAMETERS

Sensor	px	640x480, 17 μ m, microbolometer
Spectral range	μ m	7 - 14 (LWIR)
Field of View		42,2°@wide; 6,2°@narrow
Focal length	mm	15-100 mm
Focus		Auto
F-Number		1.4
Sensor sensitivity	mK	<35 mK (F/1.0, 25 °C)
Zoom		Continuous optical zoom. Digital of 1x, 2x, 4x
Human target detection / recognition	m	3330/1040
NATO target detection / recognition	m	4510/1410

DESCRIPTION

BROLIS LW15-100S is a rugged thermal security camera that offers excellent long-range perimeter intrusion detection and surveillance at night as well as during the day. Specially designed to capture the light sources in the range of Long-wave infrared BROLIS LW15-100S thermal security camera is designated to protect critical areas, territories, infrastructure and provide unprecedented situational awareness for forces in order to observe, investigate, and if needed to respond to any situation even in harsh visibility conditions like rain and fog or uneven geography. Having the most sensitive sensor on the market BROLIS LW15-100S provides excellent image quality and detection results. Resistant to all conditions and solar radiation. BROLIS LW15-100S can be used as a standalone camera or incorporated as part of larger surveillance or security infrastructure.

ELECTRICAL PARAMETERS

Power supply voltage	VDC	10 - 30
Power consumption		< 15 W (1,5 A @ 10V, 0,5 A @ 30V)

ENVIRONMENTAL

IP rating	IP67
Operating temperature	From -40°C to +60°C
Storage temperature	From -40°C to +70°C
Resistance	Resistant to all weather conditions and sun radiation

MECHANICAL PARAMETERS

Dimensions	300 mm (L) x 154 mm (W) x 154 mm (H)
Mounting system	"Pan - Tilt" type using M5 screws
Weight	4,45 kg
Control protocol	Pelco-D
Connector	PAL Analog Video output
Control interface	RS485/ RS422 / RS232
Mean time between failures (MTBF)	>60 000 hours

Color: White (other colors available on requests)

FOR ENQUIRIES

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