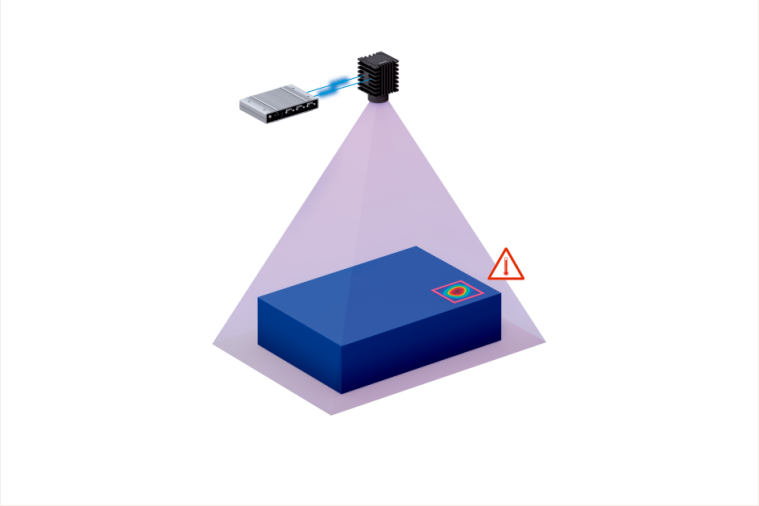
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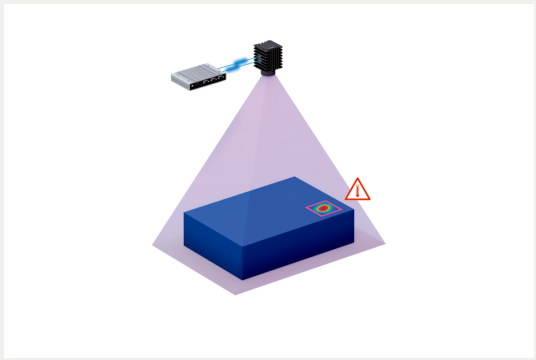


DATA SHEET

AHD151

Area Hotspot Detection System
Object detection systems

SICK Sensor Intelligence



OBJECT DETECTION SYSTEMS

AHD151

ORDERING INFORMATION

Type	part no.
AHD151	On request

Further device versions and accessories at www.sick.com/Area_Hotspot_Detection_System

UK CA

DETAILED TECHNICAL DATA

FEATURES

Areas of application	Battery production, storage, mounting and recycling (cells, modules and packs), Charging stations (electric vehicles, manned forklift trucks and AGVs), Storage and handling of waste and recycling material, Electrical infrastructures (transformer stations, substations, power plants), Hazardous goods storage and handling (fuel, chemicals), Machine spaces (ships, manufacturing plants, emergency generators), Cargo hold monitoring in shipping (car ferries, car transport ships, cargo holds)
Image resolution	680 px x 480 px
Sensor	Infrared camera, 7.5 µm ... 14 µm
Aperture angle	51°
Temperature measuring range	–20 °C ... +1,000 °C
Alarm threshold	Adjustable (-20 °C ... +1,000 °C)
Controller	EC700
Items supplied	Infrared camera, EC700, Various accessories

MECHANICS/ELECTRONICS

Installation position	Variable
Installation height	≥ 20 cm
Enclosure rating	IP66

INTERFACES

Output data	Alarms Alarm data Temperature data System status Thermal images
Operator interface	TCP/IP Interface

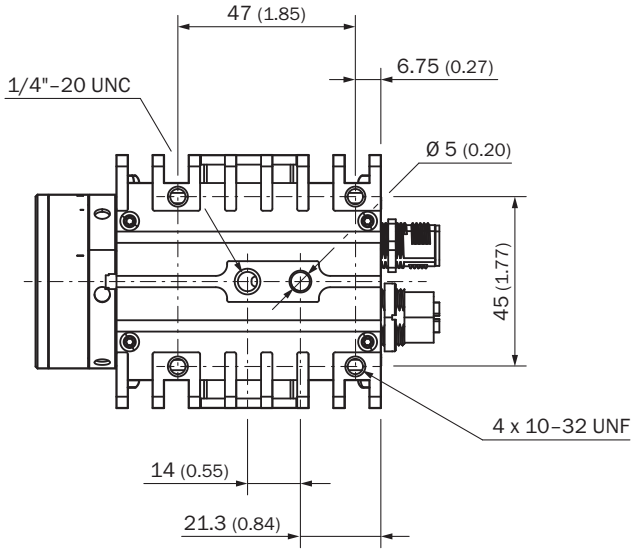
AMBIENT DATA

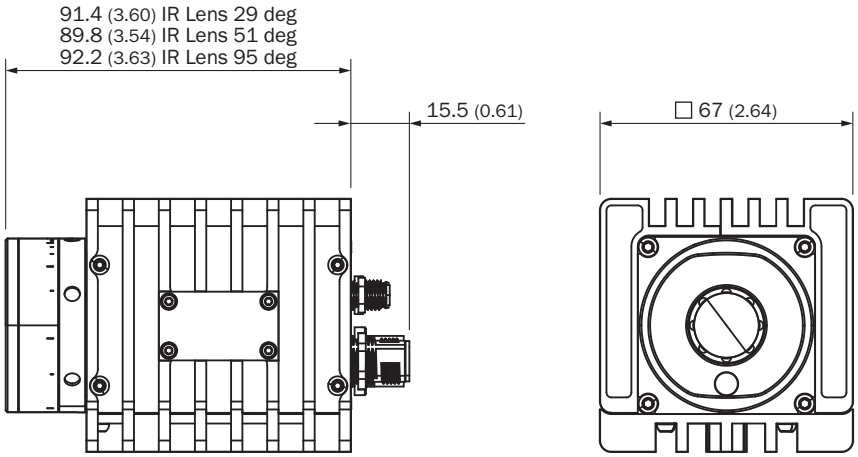
Ambient operating temperature	–20 °C ... +50 °C

CERTIFICATES

UK declaration of conformity	✓

DIMENSIONAL DRAWING AREA HOTSPOT DETECTION SYSTEM





Dimensions in mm (inch)

Further information as well as suitable accessories, example applications and downloads such as CAD dimensional models, operating instructions and software can be found at www.sick.com/Area Hotspot Detection System

SICK AG
WALDKIRCH
GERMANY
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SICK AT A GLANCE

SICK is a leading global technology company for intelligent sensors and integrated solutions in industrial automation. Our technologies set benchmarks, making your industrial processes more efficient, safer and more sustainable – both in logistics and manufacturing operations.

SICK combines sensor intelligence with industry expertise and certified consulting services. We provide the ideal foundation for scalable as well as tailor-made automation solutions and create added value along the entire value chain. Our close partnerships with our customers are more than just a promise: Together, we optimize productivity, improve quality, protect health and safety, and help build a sustainable future. All with empathy and trust.

Since 1946, we have been developing innovative technologies with passion and a pioneering spirit. With a global network in around 40 countries, SICK has a global presence and is always close by. The company's headquarters are located in Waldkirch near Freiburg, Germany. Our customers benefit from our understanding of both local and global requirements, which enables us to deliver tailor-made solutions

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