



- For surveillance of thermal critical areas
- Wide temperature range
0 °C to 300 °C @ ± 2 °C
- Optional 0 °C to 1,000 °C
@ ± 2 °C
- Wide area (19 * 12 m)
- CISPR 25 Class 5

IR Thermo Camera

The IRThermo6 is designed for monitoring the temperature in harsh electromagnetic environments or in applications where low emission is required (e.g. EMC test facilities). With its standard lens, the camera covers an area of up to 19 * 12 m at a distance of 9.5 m. Alternative lenses are available on request to meet different coverage requirements. It is particularly suitable for monitoring temperature critical rooms and devices, where overheating could lead to severe damage. An autofocus function ensures precise results even under changing conditions.

The camera operates like a regular IP camera with ONVIF support. Additionally a user-friendly PC software allows to set the parameters like region of interest and temperature thresholds.

The camera is EMC-shielded to withstand field strengths of up to 200 V/m. All signal lines are transmitted via fibre optic cable.

Features:

- RF-Immunity 200 V/m up to 18 GHz
- Ethernet interface
- Comfortable PC software
- Fail safe contacts via controller

Applications:

- Temperature surveillance of absorbers in high field strength testing
- Monitor device under test

Accessories:

required:

- Power supply
- IPCNV optical converter
- Fibre optic cables:
Variable lengths ST/FSMA-connector

optional:

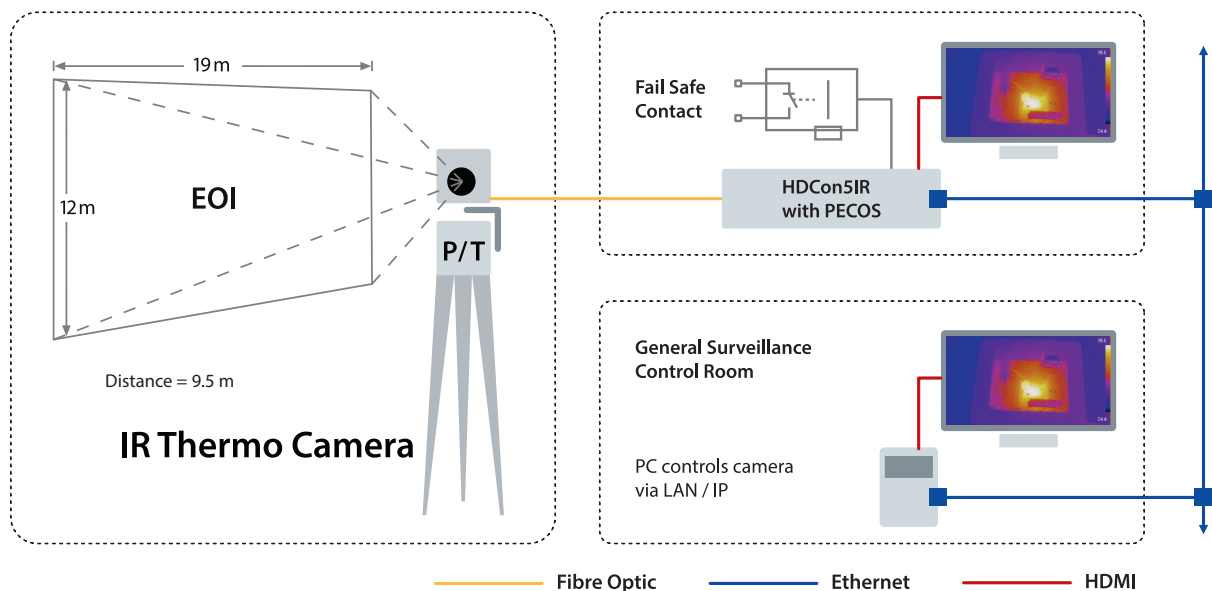
- Tripods and wall mounts

IRThermo6

Technical Data

Image device	640 x 480 Pixel @32 Hz
Temperature resolution (NETD)	≤50mK@25
Temperature range (measurement)	0 °C to 300 °C (optional 0 °C to 1,000 °C)
Spectral range	8 to 14 µm
Frame rate	32 Hz
Area	19 x 12 m at a distance of 9.5 m other areas on request
Relative humidity	20 up to 85 % RH non-condensing
Glass fibre	50 / 125 µm multimode glass fibre with STconnector
Operating temperature/humidity	0° to +60 °C / 20 to 80 % RH
Housing	Aluminium (5 mm)
External dimensions	100 x 100 x 170 mm (H x L x D)
Weight	2.5 kg
Immunity	200 V/m up to 18 GHz
Compliance	CISPR 25 Class 5, ISO 11452

Prices and specifications are subject to change without notice!



PONTIS EMC Products designed and manufactured by:

PONTIS
EMC PRODUCTS
A BRAND OF AUDIOVO

Audiovo GmbH
Irrenloher Damm 30
92521 Schwarzenfeld
Germany

Phone +49(9435) 54 19-0
Fax +49(9435) 54 19-19
info@audiovo.com
www.audiovo.com

You can contact directly our local partners for sales and technical support



www.hvtechnologies.com



india@pontis-emc.com



zongkui.shao@pontis-emc.com