



- Control IR thermal cameras
- Integrated control software
- Acoustic alarm
- Alarm and Fail safe output
- Accessible via network (IP)

CONTROLLER FOR IR THERMAL CAMERAS

The HDCon5IR is a camera controller specially designed for use with PONTIS EMC thermal image camera IRThermo6. The optical signal from the camera is connected to an integrated media converter with an Ethernet output. A Linux-based PC running the PECOS platform offers a convenient camera control. The temperature can be monitored and temperature limits within configured regions can be set. Alarm is triggered when temperature limits are exceeded. A relay output and an acoustic signal are generated. Additionally an alert is sent via IP interface to other PCs in the network.

A safety loop contact is also integrated. It can generate an alert in case of an interruption and the software can be configured accordingly. This feature is useful to detect open doors or similar critical points.

FEATURES:

- For PONTIS EMC IRThermo6
- Linux PC with SDD and HDMI output
- Alarm output (Relays) for alarm and failsafe
- Security loop input to detect open doors
- Media converter from fibre optic to Ethernet
- Support of up to 2 cameras per controller (second is optional with extra cost)
- Compact housing: desktop or rack version (2 HU x 450 x 370 mm)

SW-TOOL PECOS IR:

- Display live view of camera
- Event detection Thermal
- Recording and replay of videos
- Alarm by acoustic signal and relay contacts
 - loss of communication the camera
 - over temperature

TECHNICAL DATA

Power supply	100 V – 240 VAC, 100 W max / 50/60 Hz
Glass fibre	50/125µm glass fibre with ST-connectors
Size of internal hard disk	2 TB
Operating environment	-10 °C to +50 °C
Operating humidity	20 to 85 % RH
Housing	19" unit, 2 height units x 450 x 370 mm (HxWxD)

Contact specification relay:

Contact configuration	1 CO (SPDT)
Rated current / maximum peak current	6 / 10 A
Maximum switching voltage	250 V AC
Rated load (230 V AC)	300 VA
Breaking capacity DC1: 30 / 110 / 220 V	6 / 0.2 / 0.15 A
Minimum switching load	500 mW (min. 12 V and 10 mA)
Standard contact material	AgNi

Prices and specifications are subject to change without notice!

PONTIS
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