



APPLICATIONS
Air Quality
Building management system
Smart City



MAGGIORI CONTENUTI ONLINE

Thermo-camera with 8" LCD Video for access detection

- Facial recognition with or without mask
- Display LCD 8" and binocular camera
- High precision infrared temperature sensor (± 0.3 °C); temperature range $35 \div 42$ °C; detection distance from 40 to 70 cm
- Integrated IO output and Wiegand interface

KET-TCV-100 monitors and regulates safe access in environments such as offices, factories, shops, retail stores, stations, schools and public administration.

Allows automatic body temperature measurement and facial recognition (can be deactivated) with or without the mask. The **8" LCD screen** shows the face and temperature in real time and indicates with audio the lack of the mask or any fever state ($>37.5^\circ$).

The thermo-camera has a **high precision infrared temperature sensor** (± 0.3 °C) that measures temperatures of $35 \div 42$ °C with a detection distance of 40 to 70 cm.

The thermo-camera is equipped with facial detection software with a detection speed of >300 ms and a memory of up to 50,000 faces.

Data can be sent on a dedicated platform via an **Ethernet output**.

The integrated IO output or Wiegand interface allows communication with the third party portal.

It is powered at 12 VDC with 5 W consumption (including power supply).

It can be equipped (optional) with a 135 cm metal stand. This stand can have (optional) a hand gel dispenser and/or a shelf for disposable gloves. Alternatively it can be equipped (optional) with a 23 cm metal desk/bench stand.

TECHNICAL FEATURES	
GENERAL SPECIFICATIONS	Protection Range: Operative Temperature: $-10 \div +50$ °C Storage Temperature: Relative Humidity:
CASE	Dimensions: 215 x 125 x 20 mm (W x H x D) Mounting: It can be equipped (optional) with a 135 cm metal stand. This stand can have (optional) a hand gel dispenser and/or a shelf for disposable gloves. Alternatively it can be equipped (optional) with a 23 cm metal desk/bench stand. Material:
POWER SUPPLY	Supply Voltage: 12 VDC Consumption: 5 W Connectors types:
DATALOGGER FUNCTION	Memory Type: eMMC 16GB Data Storage Capacity: Max 50,000 faces
ETHERNET INTERFACE	Supported Protocols: 10/100 Base-T Communication Rate: Connectors types: RJ45
DIGITAL OUTPUTS	Channels: 1 relay output and 1 output for Wiegand interface Voltage Output: Max 12 VDC, 2 A
INTEGRATED FUNCTIONS	Services: Support real-time display and overlay of human body temperature OSD. Facial recognition at a speed of <300 ms.
TEMPERATURE SENSOR	Measure Range: $+35 \div +42$ °C, Sensing distance: from 40 to 70 cm Precision: ± 0.3 °C Repeatability: Resolution:
DISPLAY	Display Type: 8 inch LCD Screen Resolution: 1920*1080, 1280*960, 1280*720, 720*576 Brightness: Mini lighting: 0.005 Lux F1.2 color mode Contrast Ratio: Viewing Angle: 118° Video Compression: H.265+ /H.265 / H.264 / MJPEGH.265/H.264 Transmission Rate: (CBR or VBR), Bitstream adjustment range: 32Kbps \div 10Mbps
AUDIO	Dynamic Range: > 120 dB S/N Ratio: > 46 dB (AGC OFF) Digital Noise Reduction: DNR, 3DNR support
CERTIFICATIONS	Referends Standard: EN55022: 2010; EN61000-3-2: 2006+A1, 2009+A2, 2009; EN61000-3-3: 2013; EN55024: 2010; EN61000-4-2: 2009; EN61000-4-3: 2006+A1, 2008+A2, 2010; EN61000-4-4: 2012; EN61000-4-5: 2006; EN61000-4-6: 2014; EN61000-4-8: 2010; EN61000-4-11: 2004; IEC62321: 2013; FCC Approvals: Security: Metrology:



No Information