

eCM CT-8201

THERMOGRAPHIC CAMERA



Cam Series

Thermal camera with facial recognition

Industrial Components



Elevation

The 8" CT-8201 eCM terminal with **facial recognition** and **thermal detection** can detect high temperatures caused by different causes such as the COVID-19 coronavirus, with very good accuracy.

Perfect for complementary use in **hospitals, public areas, airports**, etc. In addition, this device adopts a deep learning algorithm, which helps to recognize the face more quickly and accurately.



Indoor

TECHNICAL SPECIFICATIONS

Direct Importer: Grupo EOS Ibérica SA

Thermal and optical **bi-spectrum** with facial recognition.

Thermal infrared module: Temperature detection range **35°C~42°C**, accuracy **±0.3°C**.

Supports real-time display and overlay of body temperature.

High image quality with **1920x1080 @30fps resolution**

Face detection speed: <300ms

Capacity to store up to **50,000 faces**.

8-inch LCD screen, 2MP wide-angle dual lens

OTHER TECHNICAL DATA

Mounting Type: VESA

Spectral range (spectral sensitivity): Between 8 and 14μm

Thermal imaging lens: 3.6mm

Thermal sensitivity: <50 mk (<0.05°C)

Optical sensor: 1/2.8" CMOS

Lens focal length: 4mm/8mm

Temperature measurement range: 0°C~ 50°C

Temperature measurement accuracy: ±0.5°C

Detection distance: 0.4m~0.7m

Visible parameters **lens** focal length 1.8mm field of view: 118°

Mini illum 0.005Lux@F1.2 color mode

Dynamic range ≥ 120dB

Customizable **shutter interval**

Bitstream setting range: 32Kbps ~ 10Mbps

Features Operating **Humidity** -10°C~50°C

Working Humidity 0%-90%RH

Power Consumption 5W

Size 215x125x20mm **Weight** <1kg

Management Software Included

I/O PORTS



Front



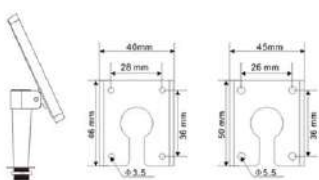
Rear

SUPPORTS (consult)

Foot

Desktop

Wall



SOFTWARE (included)



PRODUCT VALUES

- > Temperature and access control.
- > Easy installation.
- > Easy configuration.
- > Communication with Wiegand protocol.
- > Low power consumption.
- > RJ45 ethernet connection

MOST COMMON APPLICATIONS

- > Access control in hospitals
- > In large companies
- > Factory entrances
- > Educational or training centres
- > Conventions
- > Fairs and congresses

Generally in places where it is necessary to control the movement of people.

APPLICATION SECTORS

- > Pharmaceutical Industry
- > Health Sector
- > Education
- > Data Centers
- > Aerospace
- > Automotive
- > Distribution
- > Naval Sector
- > Transport and Logistics
- > Chemical Industry

SOME SUCCESS STORIES

- > Thermal and access control in a large company
- > Private hospital

ALTERNATIVE REFERENCES

- > eCM CT-8266

CERTIFICATIONS



CONNECTIONS



Interface No.	(Pin)	Interface Name	Functional indicators
1 (Power Interface)	/		12VDC
2 (Network Interface)	/		RJ45 Connector
3 (Switch Interface)	+	NO	NO Normally open port
	-	COM	COM Public
4 (Wiegand Interface)	1	VCC	12VDC
	2	Wiegand.D1	Wiegand protocol data port D1
	3	Wiegand.D0	Wiegand protocol data port D0
	4	GND	Signal ground

DIMENSIONS

