

# eCM CT-8201

## THERMOGRAPHIC CAMERA



### Cam Series

### Thermal camera with facial recognition

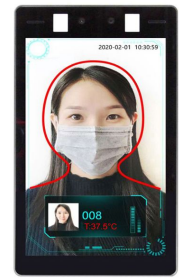
### Industrial Components



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

#### OTHER TECHNICAL DATA

#### I/O PORTS

#### 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**

#### 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

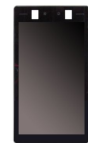
Features Operating **Humidity** -10°C~50°C

Working Humidity 0%-90%RH

**Power Consumption** 5W

**Size** 215x125x20mm **Weight** <1kg

**Management Software Included**



Front



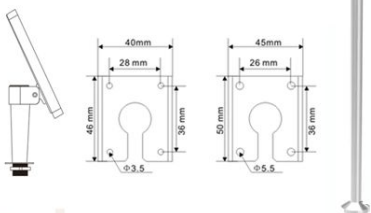
Rear

#### SUPPORTS (consult)

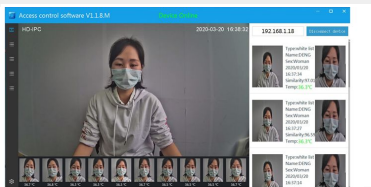
#### Foot

#### 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.

#### SOME SUCCESS STORIES

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

#### APPLICATION SECTORS

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

#### ALTERNATIVE REFERENCES

- > eCM CT-8266

#### CERTIFICATIONS



#### CONNECTIONS

#### DIMENSIONS

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
	1	VCC	12VDC
	2	Wiegand_D1	Wiegand protocol data port D1
4 (Wiegand Interface)	3	Wiegand_D0	Wiegand protocol data port D0
	4	GND	Signal ground

