

# GEMINI

Outdoor double technology  
wired curtain detector

Models:  
CSI040045 GEMINI  
CSI040046 GEMINI RS



Family of dual technology wall-mounted curtain detectors for outdoor use with wired connection

RS model compatible with **CSI iMX** and **Infinite** series control panels.  
Universal Gemini model compatible with all control panels (CSI and third party).

Gemini is a dual technology outdoor intrusion detector with curtain cover:

- Infrared: allows you to detect - within the field of action - the movement of a body thanks to the infrared radiation emitted, in contrast to that of the surrounding environment
- Microwave: detects movement by analyzing the reflection of electromagnetic waves on a moving body.

When both technologies are in agreement in detecting the movement there is an alarm.

The detector can be installed either directly on the wall or by means of a bracket (supplied) which allows the detector to be angled at 90 °.

Gemini is the ideal detector for its compactness, elegance and performance.

**Features**

**General**

- 32-bit imcroprocessor
- Programming on non-volatile memory
- lpassive digital infrared
- 24 GHz pulsed microwave

**Detection area**

- Range 10 m
- Angular opening 4°

**Functions**

- AND operating mode of technologies
- Sensitivity adjustment
- LED functions
- Test mode
- Magnetic anti-opening tamper
- Antimask
- Solid state alarm relay
- (not RS versions)

**Electric**

- Supply voltage:  
Universal:  $6 \div 17 V_{cc}$   
RS485:  $7 \div 17 V_{cc}$
- Consumption:  
Universal: 9 mA  
RS485: 4 mA
- Short circuit and reverse polarity protected

**Environment**

- Outdoor IP65
- Temperature range from -20°C to + 50°C

**Dimension**

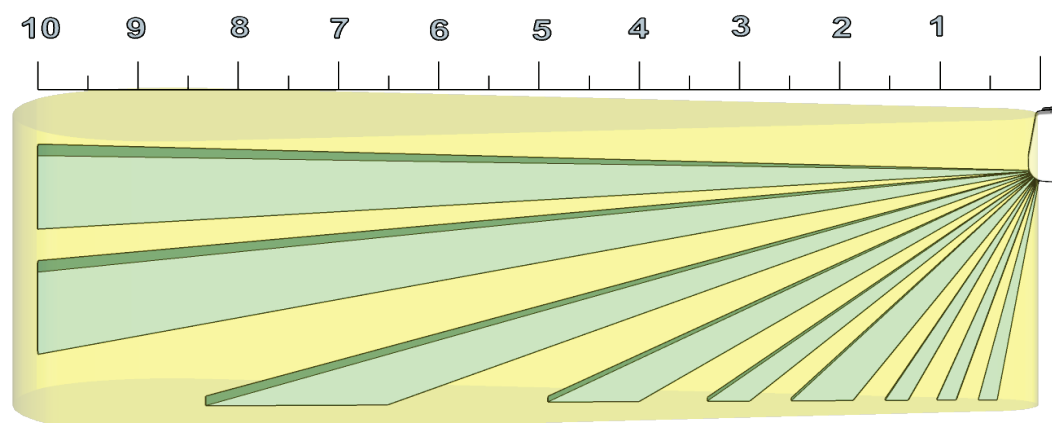
- 42 x 122 x 49mm

**Accessories**

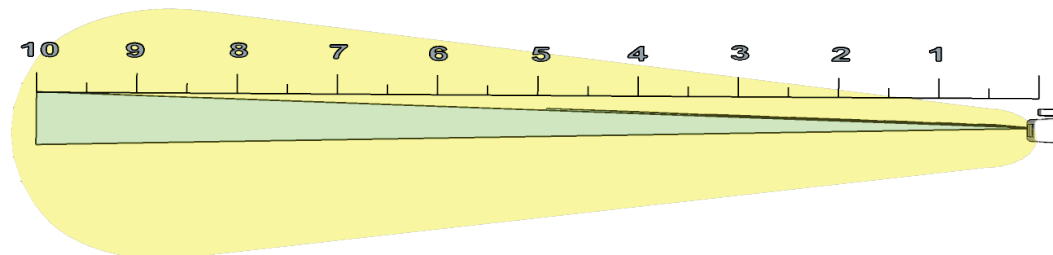
- Wall bracket **(supplied)**
- Rain cover CSI040047



**COVERAGE DIAGRAMS**

**SIDE VIEW**



**TOP VIEW**



 Microwave detection area  
 Infrared detection area

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