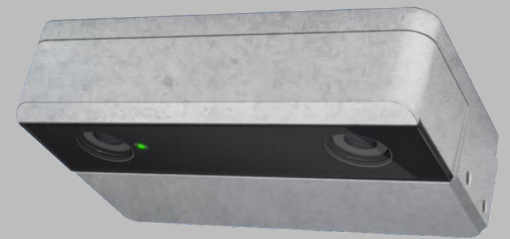


MAKE IT COUNT

# ACOREL COUNTING SYSTEMS



## RAIL SENSOR



**ACCURACY > 98%**

Since 1989, Acorel has been recognized worldwide as a leading expert in automatic people counting and flow analysis solutions in all market segments.

## RAILWAY COMPLIANT COUNTING SENSOR

Our railway sensor is part of the Acorel Counting System (ACS) range of counting sensors.

This latest generation 3D video people counting sensor offers the best performance in terms of high accuracy counting, operating temperature range, reliability and lifetime in the railway environment. Its robust metal housing offers good protection against mechanical damage.

The stereoscopic sensor continuously and locally processes the video stream captured in its field of view and transmits the digital count data. It is 100% GDPR compliant.

The processing software analyses the stereoscopic images and when a person is detected, it tracks his or her movements until he or she leaves the detection area.

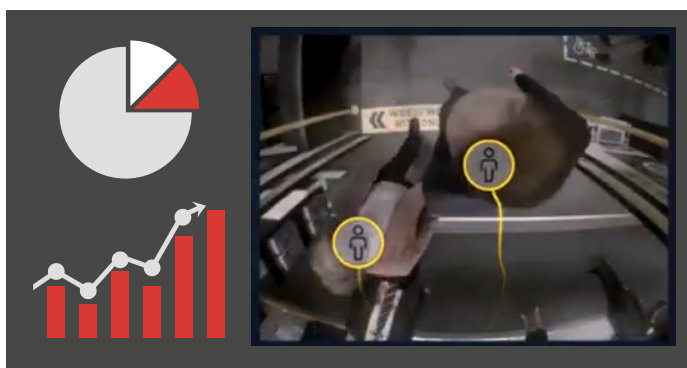


MAKE IT COUNT

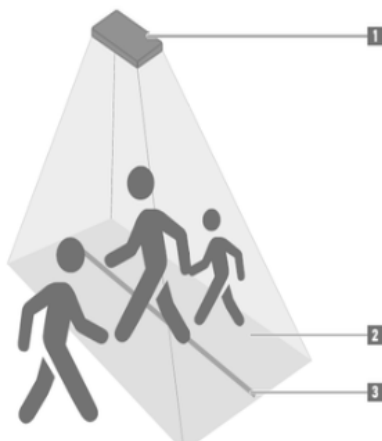
## ACOREL COUNTING SYSTEMS



**CHILDREN / ADULTS, BICYCLE and WHEELCHAIR  
CLASSIFICATION**



**IMAGE GENERATED BY THE SENSOR**



**1 : STEREOSCOPIC SENSOR**

**2 : FIELD OF VIEW OF THE SENSOR**

**3 : VIRTUAL BARRIER WHOSE CROSSING GENERATES A COUNT**

### TECHNICAL DATA

Dimensions	141 mm x 98mm x 35mm
Weight	440 g
Case	Raw aluminium
Case colour	Grey
Fixing points	2 x 2 threaded holes M5
Supply voltage	Power-Over-Ethernet (POE)
Consumption	Around 5 W
Image resolution	640 x 480 pixels - colour
Viewing angle	Environ 110° (diagonally) / 100° (horizontally)
Installation height	Between 2.00m and 4.00m
Lighting conditions	3 to 300 000 lux
Operating temperature	Between -25°C and +70°C
Storage temperature	Between -40°C and +85°C
Protection index	IP65
Lifespan	> 10 years, MTBF ≥ 300 000 h
Railway compliance	EN 50155

### INTERFACE

Ethernet	10/100 Mbps/s - IPV4
	POE M12 coding D, 4 pins
Communication protocol	HTTP, HTTPS, SOAP, FTP, TCP, NFS, REST API

**QUALITY - INNOVATION - EXPERTISE**

### CONTACT

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