

MAKE IT COUNT

ACOREL COUNTING SYSTEMS



ACS-90 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.

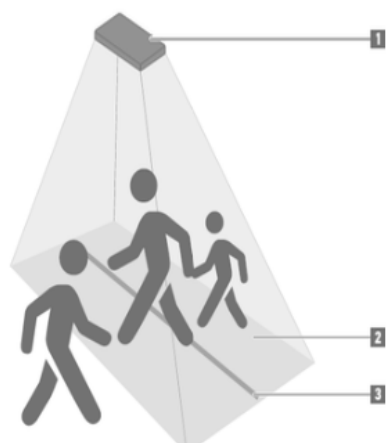
Our ACS-90 sensor is part of the Acorel Counting System (ACS) range of counting sensors.

This latest generation 3D video counting people sensor offers the best performance in terms of high precision counting, operating temperature range, reliability and service life. Its robust metal case provides good protection against mechanical damage.

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

The processing software analyzes the stereoscopic images and when a person is detected, it follows its movements until it leaves the detection zone. In this way it is possible to count the incoming and outgoing people.





- 1 : STEREOSCOPIC SENSOR**
- 2 : SENSOR DETECTION ZONE**
- 3 : VIRTUAL BARRIER WHOSE CROSSING GENERATES A COUNT**

TECHNICAL DATA

Dimensions	160mm x 160mm x 42mm Housing diameter 143mm – 150mm
Weight	400 g
Case	Plastic and Aluminium
Case color	Black or white
Fixing points	4 holes of 56,29 mm
Supply voltage	Power-Over-Ethernet (POE)
Consumption	Around 5W
Image resolution	640 x 480 pixels - color
Viewing angle	Around 100° (horizontally) / 110° (diagonally)
Installation height	Between 2,00m and 3,50m
Lighting conditions	3 to 30 000 lux
Operating temperature	Between 0°C and +55°C
Storage temperature	Between -40°C and +85°C
Protection index	IP40
Lifespan	> 10 years

INTERFACE

Ethernet	1000 BaseT, PoE, RJ45 socket
Communication protocol	IBIS/REST API/SOAP
USB port	USB 2.0
Entries / Exits	3 entries / 3 exits
Storage capabilities	8GB

CONTACT

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