

PRIVACY · ACCURACY · ALL LIGHTING

Every passage, now seen.

AI counts people, not faces.

Powered by laser ToF + 3D point cloud + edge AI,
image-free privacy-preserving flow detection —
precise two-way counting, even at arm's length.

Every passage is seen by AI — **privacy guaranteed**



01 / ACCURATE



Counting Accuracy ≥99%

CNAS CERTIFIED

Reliable at arm's length;
CNAS-authorised lab
report

02 / UNIVERSAL



All-Lighting Ready

ANY ENVIRONMENT

Total darkness, strong
sunlight, rain, snow or fog

03 / PRIVATE



Strong Privacy

PRIVACY BY DESIGN

No images captured —
only 3D spatial coordinates

04 / INTELLIGENT



AI Self- Learning

SELF-LEARNING

Continuously evolving
models — adapts to new
scenes

≥99%

Two-way Counting Accuracy · CNAS Certified

Bidirectional Flow Accuracy · CNAS-authorised Lab Tested · Edge AI Real-time

CORE METRIC



01 / PRODUCT FAMILY

Three models for every entrance scenario

Wall-mount · Ceiling · Long-range — flexible sizing by door width and installation height

Type I · Wall-mount

Wall-mount



FOV
60° × 45°

AREA
< 3 m²

DOOR WIDTH
< 1.5 m

MOUNT H.
2.4 – 2.8 m

△ Wall-mount · B&B / hotel / classroom / dorm

Type II · Ceiling

★ FEATURED



FOV
120° × 70°

AREA
2 – 10 m²

DOOR WIDTH
< 5 m

MOUNT H.
2.4 – 3.5 m

△ Ceiling-mounted · museum / mall / office

Type III · Long-range

Long-range



FOV
270° adjustable

RADIUS
≤ 20 m

DOOR WIDTH
< 15 m

MOUNT H.
2.5 – 10 m

△ Wall / pole-mount · transit hubs / scenic / metro

02 / AI CAPABILITIES

6 AI Capabilities for multi-layer flow awareness

6 Intelligence-driven Flow Functions · All Edge-Processed, Privacy-by-Design

1 SINGLE

Single-Pass Detection

Pass-through, dwell & turnaround recognition

2 MULTI

Multi-Pass Detection

High-density crowds — precise two-way count

3 COUNT

Two-way Counting

Inbound + outbound tallied simultaneously

4 TYPE

Multi-Target Recognition

Adult vs. child, person vs. non-person

5 API

Open Data Interface

TCP/IP protocol · third-party integration

6 DASH

Data Visualisation

Web console · real-time flow dashboard

03 / USE CASES

Typical Application Scenarios

A · 01

Type I — Indoor Doors

B&B / hotel / classroom / care home / single resident

A · 02

Type II — Public Buildings

Museum / stadium / campus / commercial buildings

A · 03

Type III — Long-range

Transit hub / scenic area / campus / shopping street

A · 04

Night & Low-light Scenes

Stable in total darkness

A · 05

Privacy-Sensitive Venues

Restrooms / changing rooms / single-resident rooms

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Privacy-guaranteed high-accuracy flow detection

Laser ToF + 3D point cloud + edge AI — redefining entrance flow detection with image-free recognition: see clearly, no need to look at faces.



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