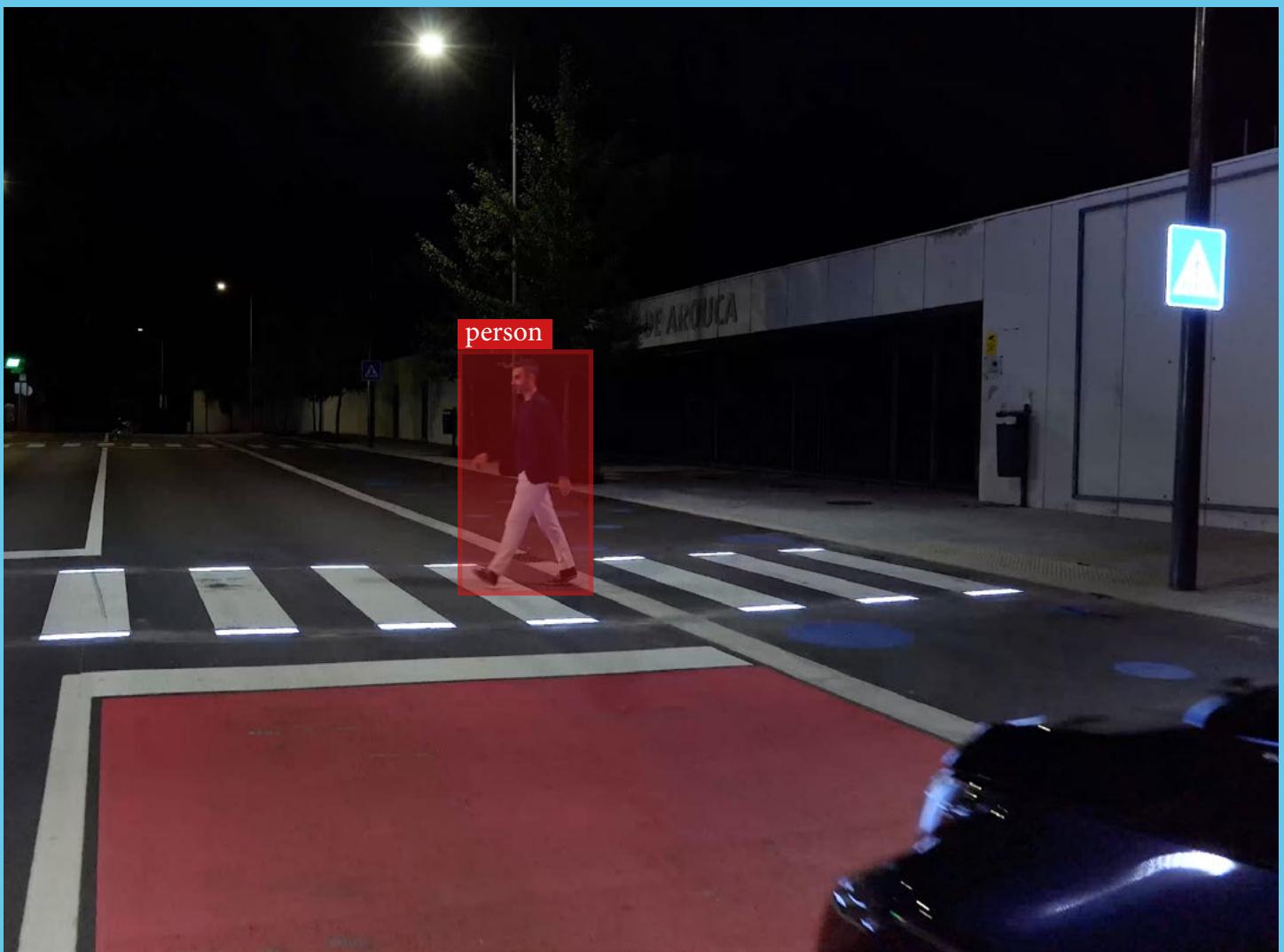


Omniflow®

AI/ML PEOPLE COUNTING



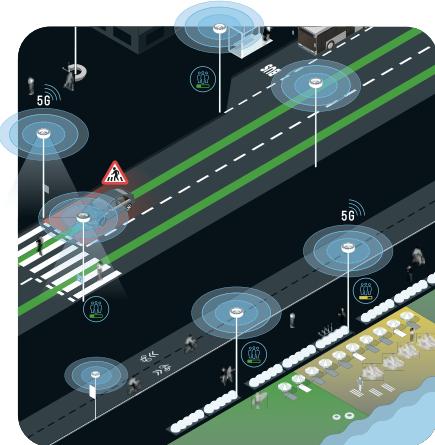
sustainable solutions
for smart city

www.omniflow.io

AI/ML PEOPLE COUNTING

Discover how our advanced people counting system revolutionizes urban environments by optimizing traffic, enhancing safety, and transforming city experiences.

People counting with Omnidflow utilizes on the edge computer vision technologies, processing data locally for reduced data consumption and privacy protection with no video stream being sent out of the Omnidled. Our system offers a multitude of applications for smart cities, including:



Managing Public Spaces: Optimize these spaces, ensuring they meet the needs of both residents and visitors effectively.

Traffic Management: Enhance traffic management, adjust traffic signals, improve public transportation, and streamline overall traffic flow.

Retail Analytics: Use this information to tailor offerings and make informed decisions on commercial zoning and development.

Security and Safety: Manage crowd control, prevent overcrowding, and maintain compliance with safety regulations.

Urban Planning: Design transportation infrastructure, public spaces, and zoning that align with urban growth.

Elevate your city's infrastructure with Omnidflow's people counting service, and create a smarter, safer, and more efficient urban environment.



EDGE COMPUTING

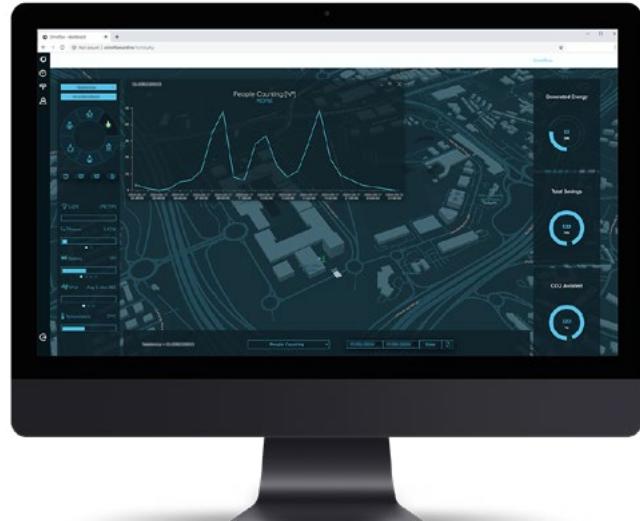
Computer vision / analytics

Optical sensors

≈ 95% accurate

Connectivity 5G | LTE small cell

IoT cloud based control system



OMNICONNECT interface

Technical Data	Omniled 035	Omniled 07
Lighting Power [W]	12 - 48	30 - 180
Pole Height [m]	3 - 5	6 - 12
Edge Computing		
Optical sensors	up to 2	up to 4
Resolution	Full HD	
AI Performance	472 GFLOPS	

People counting System

Real-time pedestrian area data

- Personalized alerts

Data storage up to 3 years

Export data for API integration:

- displays
- external platform