

Computer Vision



SIMPLE INSTALL

hassle free

Self-contained redeployable unit Installed by our technicians, mounted on street furniture or adjoining buildings overlooking the area of interest.

Highway Authority, Landowner or development control consents project managed by our team.

REMOTE CONTROL

maintenance and updates

Configuration and adjustments done remotely.

Ongoing maintenance includes providing communications, servicing of the equipment, lens cleaning and biannual recalibration to guard against data drift.

EDGE COMPUTING

on-device processing

Data is extracted using computer vision algorithms including AI detectors trained to recognise pedestrians and to classify vehicles. The system detects and tracks users through the scene, storing these tracks for analysis and reuse.

Tracking moving objects, these might include people, cyclists, buses or cars.

PRIVACY BY DESIGN

Data output is checked to ensure that it is fully anonymised to allow handover a clean dataset to the client that does not contain personal data. The video streams generated by the sensor cameras are processed within the sensor unit. No video is recorded, instead the feeds are processed in real time into anonymised counts

DATA PORTAL

Wireless communications link sensors with a database. A data portal and an API allow programmatic access to data and viewing charts and tables.

Specification

- OHLEOHSRHWSSOHLWHPDLVSRHHGRBR 1RPLDO :DWWVDRGH
- LHILLWLRDPHDEDVHGWHVRVWGDGGLWYLVLR FDSDELWLHV
- DHDLDEOHVRPHWHVGHSHGLRDHVLLWWHG
- RPPLFDWLRVRL
- HFLWHDVHVBDVVRGSRWHFWLRBFHFWLRF BRWEDVHGHWNRDFFHVVERWROBDGGHVVLLOWHEDVLF DGLLHVVDWHWLFDWLRLRBB
- :HLWSSRN

