



With the development of Cutting Edge Technology Solutions, we enable our clients to attract new customers, understand their in-store behavior, increasing their loyalty by enhancing their shopping experience in a safety environment.

Interax **Bicycle & Pedestrian Counter**



BICYCLE & PEDESTRIAN COUNTER IS FULLY EMBEDDED FOR IP CAMERAS

Bidirectional counting of bicycles and pedestrians passing the camera's view.

The bicycle is one of the most efficient vehicles in terms of road space, parking space, fuel consumption and emissions, making growth in bicycle traffic of vital importance for policy makers. Increased bicycle use can reduce the need for expensive new road infrastructure.

With an ever increasing number of communities around the world that are adopting pedestrian and bicycle plans, conducting walking and bicycling safety audits, and emphasizing the need for cost-effective, low-emission transportation options, there is a greater need for pedestrian and bicycle traffic data.

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Interax Bicycle & Pedestrian Counter

BENEFITS OF INTERAX BICYCLE & PEDESTRIAN COUNTER

IP Camera equipped with Interax Bicycle Solution offers an unmatched parking management solution.

Use your precise knowledge about traffic statistics to:

- Improve the cycling infrastructure development and planning.
- Follow and analyze trends in cycling traffic activity.
- Promote cycling both externally and within your organization.

Description

Interax Bicycle & Pedestrian Counter is a software which installs directly into standard IP cameras. It offers a unique, cost efficient, scalable, and easy-to-install solution. The entire system is 100 % IP network based using only standard network cameras for the counting. The system requires no auxiliary PC or PLC, no inductive loops and no costly pavement work.

Using world leading embedded video processing software, all counting is done locally on the cameras dramatically reducing Ethernet bandwidth requirements and increasing system reliability.

MANAGING THE DATA

The traffic numbers can be monitored in real time by pointing your web browser to URL of a camera. It does not require any additional software or hardware. Traffic data can also be managed through the optional software package Web Report which is an efficient statistics tool that works seamlessly with **Bicycle & Pedestrian Counter**. It helps you analyze traffic data, manage multi-site installations and allows export of data in a variety of open formats.

SYSTEM OVERVIEW

Interax Bicycle & Pedestrian Counter is an automated stand-alone, two way bicycle and pedestrian traffic counting system for overhead mounted cameras. The entire system consists of IP network cameras loaded with **Interax Bicycle & Pedestrian Counter** software requiring no auxiliary PC or PLC, no inductive loops and no costly pavement work. Maintenance can often be performed remotely by accessing the camera over IP reducing cost dramatically.

Data can be retrieved for analysis on timed intervals. The software is modular and completely autonomous with all counting done on the camera's CPU, requiring no dedicated PC. Manage, analyze and view data from any number of units and from multiple sites, using Interax Cloud Web Report.

FEATURES

- No inductive loops or costly pavement work is required.
- Automatically separates between bicycles and pedestrians.
- Two way counting: Counts bicycle and pedestrians moving in two directions simultaneously.
- Accurate counting even under high density traffic conditions.
- Fully embedded software for standard network camera.
- 100 % IP - cost efficient, scalable, maintainable and future proof.
- Built in graphs in the camera web interface.
- Seamless integration with Interaxlink Web Report.
- Easy to install and setup.
- Maintain system remotely over IP, set and monitor parameters, download or stream video.
- Push counting data automatically from camera to Interaxlink Web Report.
- Unlimited number of cameras to a site or portfolio of sites when combined with Interaxlink Web Report.
- Leading digital image processing minimizes shadow and reflection problems.
- Open protocol lets you integrate with data from other systems.

SPECIFICATIONS

- Fully embedded.
- Minimum height over floor: 4meters
- Maximum entrance width with one unit: 6.0 meters.



- An IP Camera equipped with Interax Bicycle & Pedestrian Counter offers an unmatched stand alone solution.
- Not requiring a PC for People Counting.
- Two way counting