

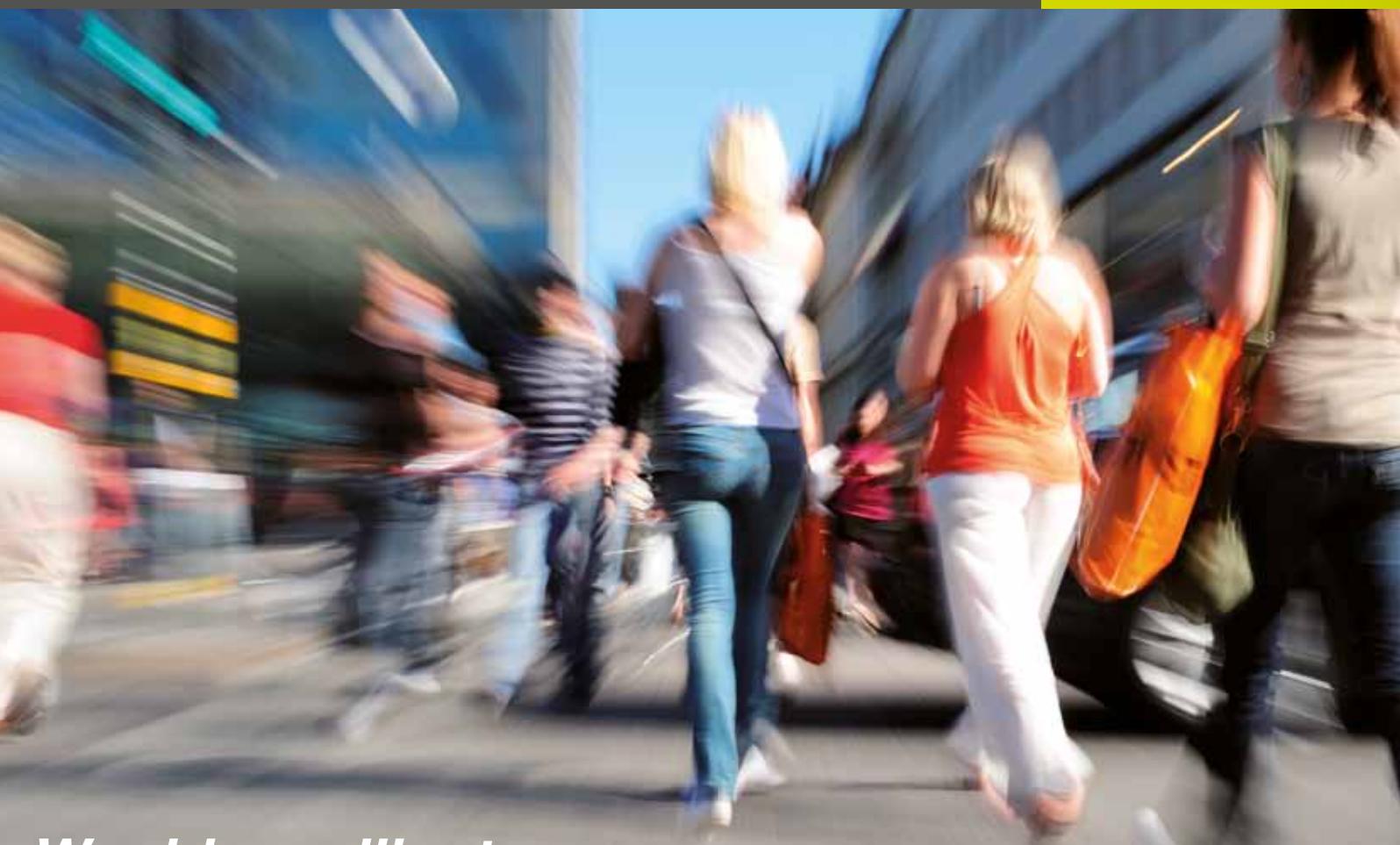


**Downtown
Management**



eco
counter[®]

COUNTING PEOPLE, ANALYSING DATA



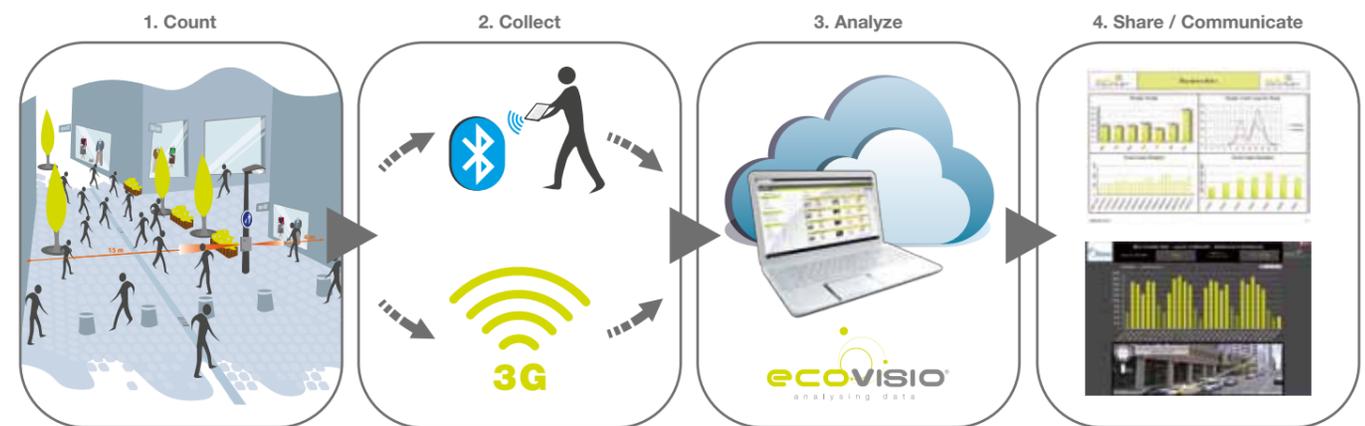
*Would you like to measure
the value of pedestrian traffic?*

Would you like to measure the value of pedestrian traffic?

Start measuring today with Eco-Counter!

Global Monitoring Solutions and Data Analysis

- ⊖ Unmatched expertise in monitoring pedestrians and cyclists in urban and natural environments, for over 15 years
- ⊖ More than 10,000 counters installed in over 45 countries
- ⊖ Service offices in Lannion (France), Montreal (Canada), and Cologne (Germany)
- ⊖ A worldwide network of distributors for local support
- ⊖ A highly innovative Research and Development team
- ⊖ High-quality technology, internally produced and tested in France
- ⊖ User-friendly software to compile and share data and produce graphs, charts and reports.



Observe

- ⊖ Understand and enhance the value of commercial pedestrian traffic
- ⊖ Identify peak hour traffic
- ⊖ Measure the impact of an event
- ⊖ Evaluate trends over time to help guide future investments in city planning and infrastructure



Communicate

- ⊖ Provide accurate data for key stakeholders to communicate the value of urban and non-motorized transportation infrastructure
- ⊖ Display pedestrian frequency statistics on your website to communicate visitation at specific sites



Plan

- ⊖ Establish before and after counts to plan and justify new infrastructure investments, city plans, and pilot projects such as shopping streets, footbridges, etc.
- ⊖ Understand usage patterns for cyclists and pedestrians on city infrastructure according to time, weather, and season
- ⊖ Estimate pedestrian traffic on sidewalks and intersections



Increase Safety

- ⊖ Handle dangerous crossings for pedestrians and cyclists
- ⊖ Measure pedestrian and cyclist exposure to accidents





Pyroelectric Sensors

- Reliable
- Invisible
- Waterproof
- Battery Powered

How it works

The **PYRO** sensor uses a combination of passive infrared pyroelectric technology and a high precision lens to detect a change in the detected temperature when a person passes in the range of the sensor. Thanks to its extremely high sensitivity, the sensor can detect two different people with only a small gap between them. The sensor is self-calibrating for a simple installation.

Features & Benefits

- Valuable trends over time
- Bidirectional detection
- Non-intrusive technology
- No permission needed for installation
- No maintenance



- High autonomy: 10-year battery life
- 2-year data storage
- Waterproof
- Range of up to 15m / 50'
- Hourly or 15 min recording intervals

Mobile or Permanent



PYRO-Box

- Self-contained non-distinguishing pedestrian and bicycle counter
- Specifically designed for the urban environment
- Can be installed in a few minutes on any existing post
- Barely visible in urban settings
- Resistant to vandalism
- Works in all weather conditions
- Can easily be moved between multiple counting locations



Multiple Counting Points

The City of Nantes (France) with a population of 300,000 has installed 15 **PYRO-Boxes** (10 permanent and 5 mobile) to monitor pedestrian traffic in the city center.



Flexible Street Width

On Grafton Street, Dublin, Ireland, a **PYRO-Box** allows planners to monitor pedestrian traffic on Dublin's most important shopping street on a 15m/50' wide path.

Dimensions: 23 x 10 x 18 cm (9 x 3.9 x 7 inches)
Weight: 2.6 kg (5.9 lb)
Operating Temperature: -40°C +50 °C (-40°F to 120°F)
Waterproof: IP 66
Material: Shockproof polyurethane
Color: Grey (others may be available on request)
Range: Up to 15m/50'



Permanent or Semi-permanent



Urban Post

- All-inclusive, non-distinguishing pedestrian and bicycle counter
- Specifically designed to blend into the urban environment
- Very resistant and discreet
- Ultra robust for protection against any vandalism
- Mounting system requires minimal engineering work
- Color can be adapted to match specific urban environments.



Robust & Invisible

In a rough suburban area near Paris, France, where vandalism is a real issue for public investors, the **Urban Post** has been chosen for its ability to resist vandalism.



Versatile

The **Urban Post** has the optional capacity of differentiating between cyclists and pedestrians on shared areas, or counting pedestrians on sidewalks and cyclists on high street such as in Lahti, Finland.



Dimensions: h : 100 cm (3'3"), Ø 14cm/5.5in
Weight: < 20 kg (<44 lb)
Operating Temperature: -40°C - +50 °C (-40°F to 120°F)
Waterproof: IP 66
Material: Galvanized steel and PVC
Color: Grey (others may be available on request)
Range: Up to 15m/50'



CITIX RANGE

- Reliable
- Accurate
- Invisible
- Waterproof

Technology

The **CITIX-IR** camera is the most advanced and precise counting system available on the market. The system uses passive-infrared technology to count pedestrians and detect their direction of travel. The unparalleled precision of the **CITIX-IR** makes it ideal for counting pedestrians on high-traffic sidewalks and pedestrian streets.

Features & Benefits

- High accuracy
- Direction detection even on crowded streets
- Large passage width (up to 16m / 53')
- Individuals' privacy respected



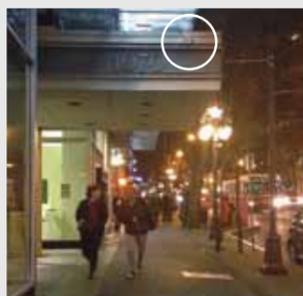
- Works 24 hours a day, 7 days a week in all weather conditions
- 10-month data storage, daily data transmission
- Permanent counting
- Patented auto-calibration

Permanent



CITIX-IR

- Infrared sensor
- Monitors the heat emitted by passersby below
- The width range of the sensor is equal to its mounted height (up to 4m / 15')
- Accurate counting - max. width: 4m / 15'



High precision

CITIX-IR is the recommended solution when high precision is required on small, crowded pedestrian streets or sidewalks. No images are recorded therefore privacy is not an issue.



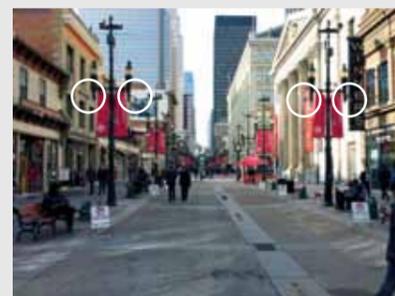
Victoria, BC, Canada

3 **CITIX-IR** have been installed in the city center to measure the impact of events and evaluate trends over time.



Variable Width Counting System

- Define the range of the sensor
- Combine multiple sensors to cover larger distances



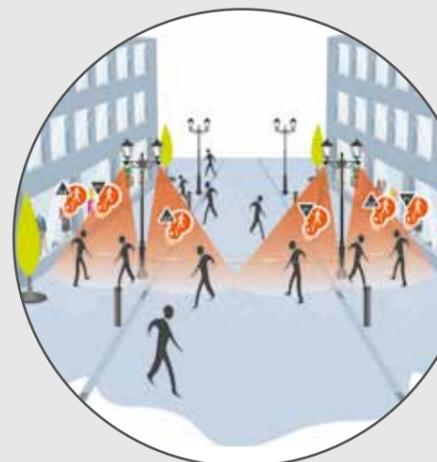
Networked coverage

Large area coverage is possible by combining several **CITIX-IR** cameras to observe and analyze pedestrian flow across exceptionally wide paths.



Calgary, AB, Canada

The Business Improvement District (BID) of Calgary have combined four **CITIX-IR** to measure pedestrian and bike flow on a pedestrian street in the city centre.



Specifications

Dimensions: 14 x 13.3 x 8 cm - (5.5 x 5.2 x 3.1 inches)
Weight: <500g (<1 lb)
Power Consumption: 90mA at 12V
Operating Temperature: -30 °C to +50 °C (-22 °F to 120°F)
Waterproof: IP 66

Housing: Die-Cast aluminum
Color: Grey
Range: Up to 4m / 15'
Ratio High/Width: 1.2 (camera centered) / 0,6 (side installation)





• Online Software
• User-friendly
• Automatic Reports

Eco-Visio is specifically designed by Eco-Counter for compiling and analyzing pedestrian and cyclist data.

A Personal or Global Platform

- Online software solution (Cloud Computing), available over the web
- **Manage:** all your counting sites available at a glance
- **Centralize:** all the counting data is properly archived and classified
- **Analyze:** data is immediately available for any kind of report analysis
- **Share:** rights management allows partners to exchange data
- **Communicate:** edit regular reports to build up your internal and external communication over the counting data

Analyze the counting data and create instant or customized reports

Sort your counters by name, set up date, last data, etc.

Customized Reports

Create your own customized working space and edit professional reports in just a few clicks. Custom-tailored templates, specifically designed for your needs, are available on request.



Communication modules

Optimize the organisation of your counting sites

Public Web Page

The **Public Web Page** is an easy way to share your data with the public and other stakeholders. The counting data can be published on a dedicated web page for easy access by your website users.

Public Web Page +

Public Web Page + allows you to compare and display the data of several counting points on the same webpage.

Widget Counter

A small **Widget Counter** can be integrated into your website or PC to communicate the number of pedestrians or cyclists using your network. The widget is updated once a day.



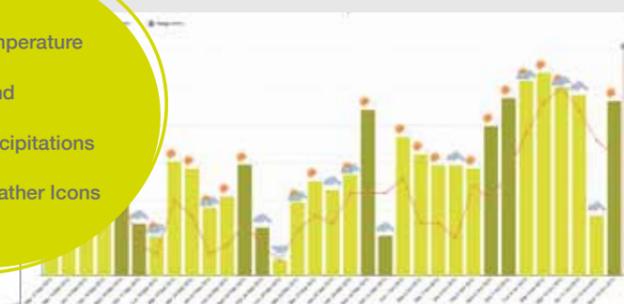
Display comprehensive information about counting sites: description, pictures, and maps

- ✓ Temperature
- ✓ Wind
- ✓ Precipitations
- ✓ Weather Icons

Eco-Visio Weather



As a general rule, most assume bad weather will have a negative impact on a site's traffic and sunny days will encourage the use of active transportation. The weather module makes it possible to reliably confirm or reject these scenarios and to analyze further.



- Integration and automatic update of local weather data
- Instantly generated charts and graphs
- Clear visualization of the impact of weather on site traffic

National Database

Eco-Visio has been designed with the ability to create and handle a national database by collecting, validating and analyzing data from any counter.

Eco-Visio compiles the data from more than 3,000 counters distributed among 145 local authorities for UK's National Database.



Expertise & References

Unmatched Experience
Innovative Team

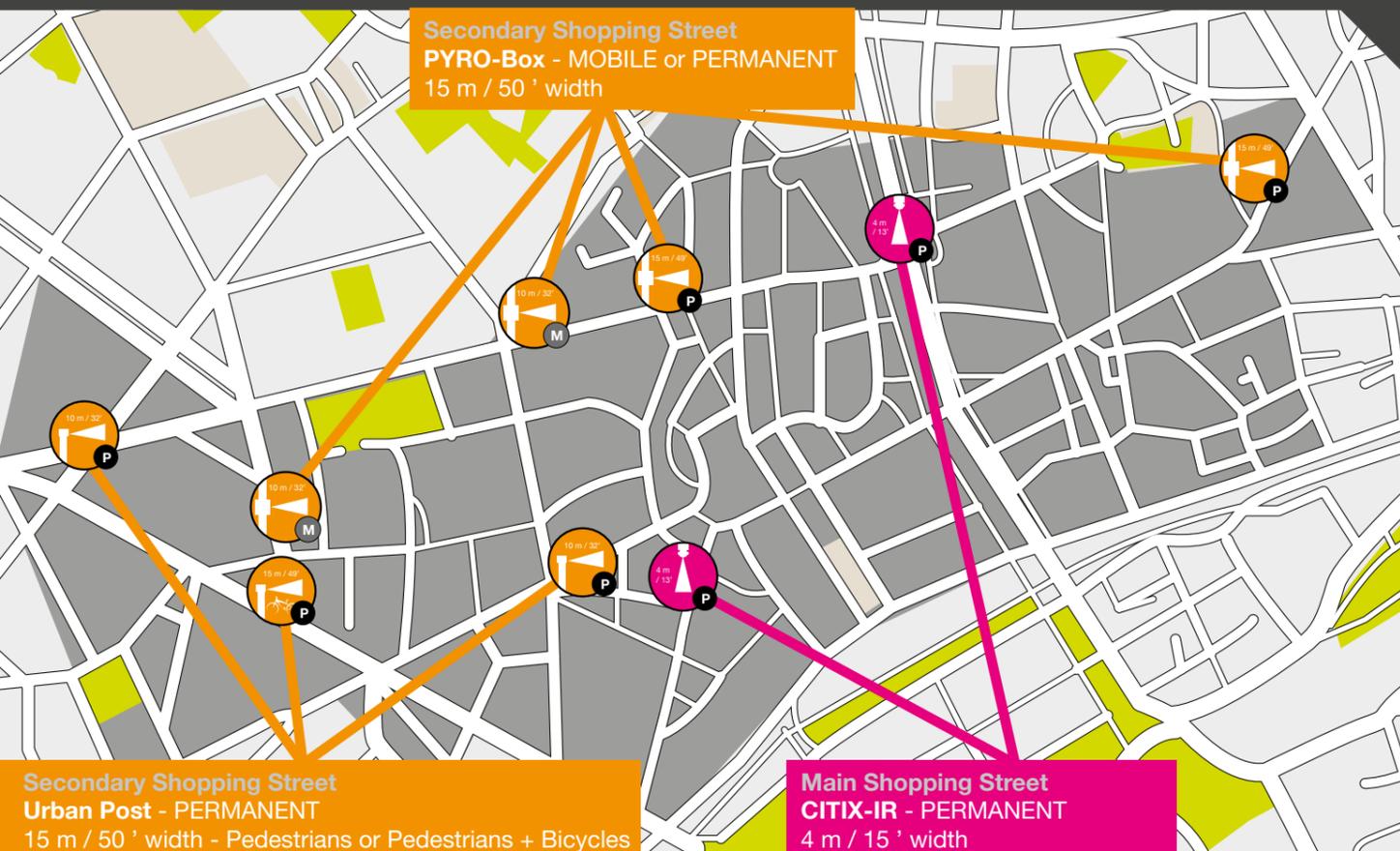
Our Sales Team are experts in Downtown Management issues and will be able to give you the best advice on formulating a monitoring strategy.

Quick Start Guide

	TRENDS COUNTING		ACCURATE COUNTING
	PYRO-Box	Urban Post	CITIX-IR
Sidewalks up to 4m/15'	●	●	●
Pedestrians Streets up to 15m/50'	●	●	●*
Pedestrians Streets up to 30m/100'		●	
Mobile	●		
Semi-permanent	●	●	
Permanent	●	●	●
Optional Bike Counting		●	

* Pedestrian Streets up to 16m/53'

Develop a Network of Counters in your City !



Our Expertise at your Service!



At Eco-Counter, we call upon our solid experience and knowhow to assist you with every step of the way.

PRELIMINARY STUDY

- Help identify the needs and objectives of your counting project
- Select the most appropriate counting technology and sites
- Help validate counts to ensure accurate data collection

INSTALLATION

- Assistance with installation
- Technology training for your employees through webinars or on-site visits

CUSTOMER SERVICE

- A dedicated support desk to help you with any of your counting questions
- Ability to answer questions related to installation, data collection, software use, troubleshooting, etc.

Strong R&D Departement

- A highly innovative team ensures that we produce quality, reliable, and advanced counting technology.
- A client-focused team brings you and **Eco-Counter** technology together.
- Solution-oriented approach and ability to adapt to site-specific needs.



A few of the organizations monitoring urban pedestrian traffic with Eco-Counter:



CONNECT TO

www.eco-counter.com

Since 1998, the dedicated Eco-Counter team has been providing solutions for monitoring pedestrians and cyclists in natural and urban environments. Today, we are able to offer solutions for monitoring this traffic in any type of site configuration. This expertise has defined us as worldwide market leaders.

Urban Walkways
Monuments
Pedestrian Areas
Bike Lanes
Bicycle Boulevards
Greenways
National and regional parks
Forest trails
Natural Areas

Andorra
Australia
Austria
Belgium
Canada
Chile
Croatia
Cyprus
Czech Republic
Denmark
Estonia
Finland
France
Germany
Iceland
India
Ireland
Israel
Italy
Japan
Korea
Lithuania
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