CITIX 3D

eco counter®

The CITIX-3D counter is designed **to precisely count and classify pedestrians, bicycles, and other two and four-wheeled vehicles** in **outdoor environments**.

Using **3D sensor technology** and a **specialized algorithm**, the CITIX-3D offers greater **accuracy** than traditional video analysis systems. For example, the CITIX-3D **excludes false counts** that may be generated by shadows, animals, or suitcases. It is also **very precise** in **complete darkness** and under adverse weather conditions (strong sunlight, snow, rain, etc.).

The system can cover **very wide paths** of up to **12m (40') for pedestrian and two-wheeled vehicle counting** and **up to 20m (65')** for **other vehicle counting.**

All data is processed in real-time and the **privacy of passers-by is respected** as no images are recorded by the counter.

Physical Specifications

Dimensions	L x W x D = 1200 x 205 x 110mm (47.25" x 8.05" x 4.35")
Mounting	System fixed to a flat surface or to an existing post
IP Rating	IP65
Weight	19.4 kg (43 lbs)

Power Supply

Power Supply	110-230VAC / 12VDC 25W max by daylight / 25 - 60W in poor lighting conditions or in complete darkness

Technical Specifications

Mounting Height Range	5 - 7m (16' - 23')
Covered Width	Pedestrian and two-wheeled vehicle counting: up to 12m (40') Other vehicle counting: up to 20m (65')
Configuration	Local configuration by Wi-Fi connection or remote configuration by 3G/4G or Ethernet connection
Accuracy	> 95 %
Communication Mode	Data transfer through 3G/4G or Ethernet
Data Transfer Interval	User-configured / timestamp feature included
Operating Temperature Range	-40°C / +60°C (-40°F / +140°F)
Data Storage	12 million of counts Storage on SSD drive

real time transmission

accuracy +/- 5%

high traffic

wireless

in / out

eco-visio

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Features & Benefits

- Thanks to its wide angle optical sensor, one single CITIX-3D counter can cover several detection areas on the same site (several counting lines—user-configured)

- Self-calibrating counting system for easy installation

- Remote upgrade and maintenance

- Data is automatically transferred to Eco-Visio, our online data analysis playform

CITIX-3D Sensor
Rear view

counts since January 1st :
65 329

English

	IN	65		IN	879		IN	1816
	OUT	65		OUT	879		OUT	1815

Thuesday 2018/01/25 - 17:52

Citix 3D n° 1

▶ DEMO MODE

● RECORDED INFORMATION

Intertraffic INNOVATION AWARD
2018
Category winner
Traffic Management

Non-contractual documentation. Specifications subject to change without notice.

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