



Intersection Control

Presence Detection

MediaCity

- Non intrusive presence detection
- Adjustable virtual loops
- Intersection control
- Traffic light priority
- Anti-gridlock system
- Ramp metering

Basic Functions

- > Vehicle presence detection
- > Stopped vehicle detection
- > Directional detection
- > Pedestrian detection

Traffic Data Collection

- > Traffic data collection
- > Queue length / queue monitoring

Video detection is a **cost effective solution** for presence detection on intersection control applications. Unlike conventional embedded detectors, it does not require roadwork during installation and maintenance.

MediaCity video detection is **flexible** and **adaptable** to changing conditions on any intersection: temporary lane closure, permanent lane closure, permanent lane reassignment, or work zone activities. The video detection units and cameras **require little or no maintenance**.

MediaCity video detection system relies on **Citilog's** signature tracking algorithms for high accuracy. An **image stabilization module** allows accurate detection under camera vibrations.

Citilog products benefit from 15 years of developments and field operations for a high reliability and our customer satisfaction worldwide.





Easy to setup

MediaCity video detection units can be **configured directly on-site** using a trackball **or remotely** using a laptop or a remote computer connected to a network.

The system can be **easily setup** in a few clicks through a **simple and friendly graphical user interface**.

- Quick and easy setup
- Real time detection status monitoring
- Dynamic reconfiguration
- Multiple set of parameters
- Configuration archival



**Easy to install
Easy to operate**

MediaCity video detection units are easily **integrated into traffic controller cabinets**. The system is designed to provide **standard outputs** to traffic controllers.

Citilog provides a user friendly remote access software enabling to configure and monitor all video detection units **remotely** and **in real time**: status, data and video streams.

Citilog systems also include a developer's kit and standard communication protocol for integration into **advanced traffic management** systems and data retrieval.



MediaCity equipment is exclusively assembled from standard industrial components thus insuring duration, reliability and evolution of products at low cost

MediaCity equipment is designed and tested to be **installed in traffic controller cabinets**.

Dimensions	265 x 137 x 69 mm (10.41 x 5.40 x 2.72 ")
Weight	2 kg (4.44 lb)
Power supply	12 - 24 VDC
Consumption	46 W
Operating temperature	-35° to + 75° C (-31° to + 167° F)
Storage	CompactFlash
Video inputs	4 composite video (PAL/NTSC)
Outputs	open collectors, video output



MediaCity uses standard fixed cameras, color or black and white.

Transmissions	cable, radio, optic fiber, WiFi
Outputs	open collectors, serial (RS232, RS 485...), network (xDSL, Ethernet, ATM...)
Protocols	TCP/IP (OPC, LCR...), Serial (Modbus...)

- **Low installation and maintenance cost**
- **Easy to install, setup, and operate**
- **Friendly graphical user interface**
- **Image stabilization module**
- **High accuracy tracking algorithms**
- **Easy integration to central system**
- **Easy interface with traffic controllers**
- **Operates 24/7 in all conditions**
- **Elaborate self-diagnosis features**