



## 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**