XCam-td

Citilog

Citilog’s XCam-td is a real-time video-sensor enclosed in a rugged elegant housing for Traffic Data Collection on roadways.

Description

XCam-td is a Traffic Data Collection sensor designed to replace or expand upon inductive loops.

Designed and optimized for highways and arterials, XCam-td is an above-ground detector that eliminates constraints imposed by embedded loops upon installation and maintenance: lane closure, cutting road surface, etc.

XCam-td is IP addressable and can be connected directy to any central system or roadside unit.

XCam-td features a WDR (Wide Dymnamic Range) CMOS sensor and an image optimisation module to enhance detection performances in any lighting conditions.

With low-power consumption and wireless capabilities (option), XCam-td provides unrivaled seamless installation.

Specifications

Functions

- Speed
- Volume / Vehicle count
- Occupancy
- Level of service
- Classification based on vehicle length

Features

- Wide Dynamic Range (WDR) sensor for enhanced detection performances
- Ethernet communications, IP addressable
- Color video streaming
- XCamMonitoring configuration and monitoring tool
- Fail-safe outputs
- Digital zoom

Benefits

- Above-ground detector
- High accuracy
- Digital zoom allows seamless installation on the field

Sensor

- 1/2,7” WXGA (1280×800) WDR color CMOS sensor
- Minimum illumination 0.04 lux @ f/1.2
- Anti-blooming, zero smearing
- Signal to Noise ratio: >50dB

Housing

- IP67 Injection molded polycarbonate housing
- Sun shield for hot climate anddirect sun exposure (option)
- Size: 132 x 254 x 124 mm

Accessories

- Supplied with complete mounting brackets and connection box

Hardware

- Power Supply: +12/24V AC/DC
- Power consumption: 3W
- Operating temperature: -34°C / +74°C
- Humidity: 0 to 95% RH, non-condensing
- Weight: 600g

Communications

- Direct output: Ethernet or RS485
- Output to Citilog XCom: Ethernet or RS485
- Citilog SDK: XML
- Other standard protocols DIASER, Modbus...
- Wireless communication module (option)

For more information: 1 800 363-5913

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