

XCam-p

Citilog

XCam-p is a presence detection sensor designed to replace or supplement inductive loops.

Designed for intersections, ramp metering, and smart parking applications, XCam-p is a non-intrusive above-ground detector that eliminates the constraints of embedded loops. Its simple installation and minimal maintenance needs eliminate lane closures and the need to cut road surfaces.



Description

XCam-p is a presence detection sensor designed to replace or expand upon inductive loops.

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

XCam-p can be connected to any traffic controller using XCom a universal communication board. XCam-p is IP addressable and can directly communicate over IP to newer generations of traffic controllers.

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

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

Specifications

Functions

- Vehicle presence detection
- Stop bar / Advanced / mid-block detection

Features

- Wide Dynamic Range (WDR) sensor for enhanced detection performances

- Ethernet and RS485 communications, IP addressable
- Color video streaming including OSD for detection zone status display
- PC based Configuration and monitoring tool: XCamMonitoring
- Fail-safe outputs
- Digital zoom

Benefits

- Vehicle presence detection
- Above-ground detector
- High accuracy in all weather and lighting conditions
- 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 and direct 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
- -34°C / +74°C
- 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

Created on 09.08.2025 at 10:12:49 EDT