Advanced Intersection Control

XCam-p

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.

XCam-p can be connected to any traffic controller using the **XCom** universal communication board. **XCam-p** is IP addressable and can directly communicate via IP to newer generations of traffic controllers.
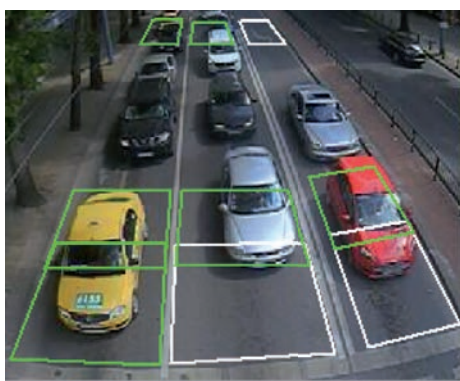
XCam-p features a WDR (Wide Dynamic Range) CMOS sensor and an image optimization module to enhance detection performances in any lighting conditions.

FUNCTIONS

Vehicle presence detection
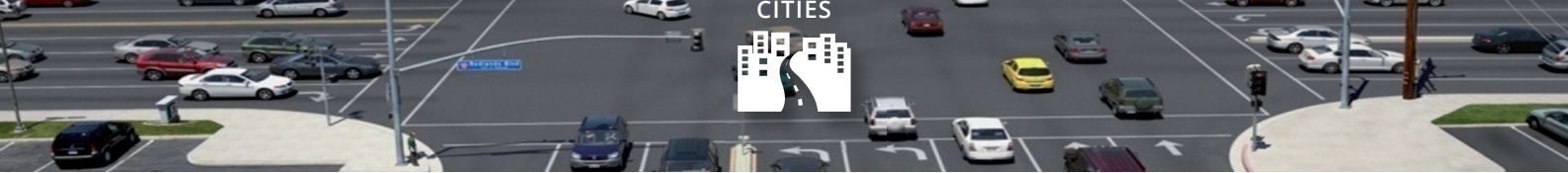
Stop bar detection

Advanced detection

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

KEY BENEFITS

Above-ground detector

High accuracy in all weather and lighting conditions

Digital zoom allows seamless installation on the field

Vibration & shock detection

Technical specifications

Focal Length:	3.5 mm (other focal lengths upon request)
Digital Zoom:	x1.5 / x3
Sensor Type / Resolution:	CMOS HDR 1/2.7" – COLOR - 1280 x 800 (WXGA)
Power Supply / Consumption:	+12/24V AC/DC – < 3.2W
Communications:	RS-485 / Ethernet
Reliability features:	Shock detection – Vibration detection
Operating Temperature:	-34°C to +75°C (-30°F to +167°F)
Operating Humidity:	0 to 95% RH, non condensing
Storage Conditions:	Dry, indoor storage
Regulatory:	NEMA-TS2 Environmental Part / CE / FCC part 15 Class A
Material / IP Rating:	Injection molded polycarbonate / IP 67
Operation status:	LED
Weight:	1.5kg (3.3 lbs) – with mounting
Dimensions:	132 x 254 x 124 mm (5,2" x 10" x 4,9") - without mounting
Mounting:	Included for horizontal or vertical mounting on masts or poles

This smart sensor is a cost-effective solution for presence detection and inductive loop replacement

Easy and efficient installation

XCam-p eliminates constraints imposed by embedded loops for installation and maintenance: lane closures, cutting road surface, etc.

Because it is above-ground and equipped with smart tools such as a digital zoom installation of **XCam-p** in the field is seamless and cost-effective.
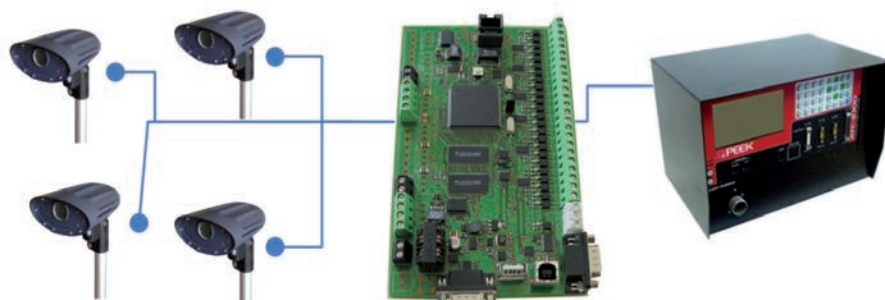
APPLICATIONS

Inductive loop direct replacement

Presence detection

Communications

XCam-p can be connected to any traffic controller using XCom a universal communication board. **XCam-ng** in the field is seamless and cost-effective.

Check Intersection Control in action

www.citilog.com