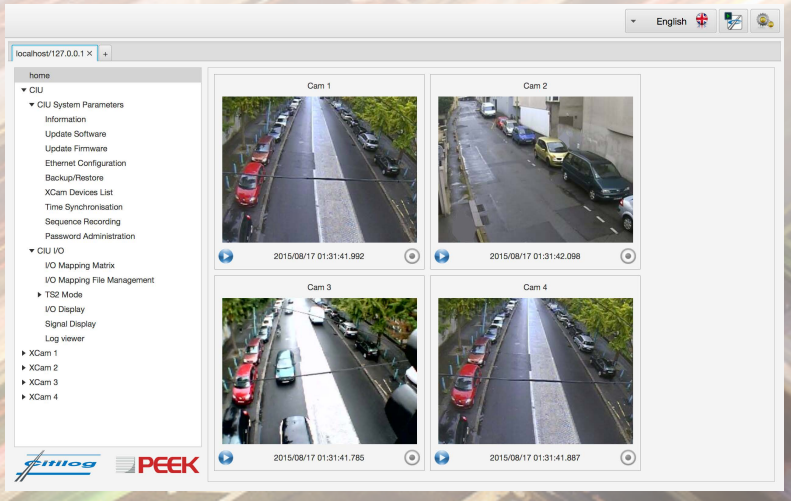
VideoTrak XCam™

Overview

VideoTrak XCam™ is Peek Traffic and Citilog's newest video detection technology combined into one easy-to-use and powerful video detection product.

Pairing the latest technology of the Peek VideoTrak family of video detection products and the innovative XCam smart camera from Citilog, the VideoTrak XCam™ is the future of ITS video detection. VideoTrak XCam™ supports up to 8 XCam cameras per Cabinet Interface Unit (CIU) allowing unparalleled modularity and compact space-saving installations in NEMA or CALTRANS style cabinets. VideoTrak XCam™ centralizes the set-up and configuration of all connected cameras without the need for additional wiring or a PC computer- Just a mouse and a monitor!



KEY BENEFITS

- Low cost and seamless deployment of presence sensors.
- Fast ROI for above-ground detection compared to traditional road-embedded sensors.
- Fully compliant NEMA or CALTRANS standards
- Uses smart camera technology

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Cabinet Interface Unit

Specifications

Standards	NEMA TS1/TS2
Compliance	CALTRANS TEES 2009
Environmental	
Temperature	-40C to +85C (-40F to +185F)
Dimensions	Height: 4.50” (114.3mm) Width: 2.34” (59.4mm) Depth: 6.88” (174.7mm) Handle: 1.09” (27.6mm)
Voltage	10-26 VDC

Additional Features (Front Panel)

- SDLC communication port allows direct connection for all TS2 environments which also makes available up to 64 output assignments and 16 phase color inputs
- 2 host, 1 device USB 2.0 connections allow one to be used for a mouse while the other is being used to save system configurations via a Flash Drive. It can also be used to upload new Firmware and Upgrades as they become available
- Ethernet Ports – Units are “IP-Address-able” allowing video streaming for hi quality remote monitoring and configuration adjust-ments

Features

- SD card
- No PC required for setup – Just a mouse and a monitor
- Individual zone settings include: Sensitivity
- Web Interface
- Card edge connector includes 4 outputs and 2 conditional inputs
- Card is selectable to be fully compliant with NEMA or CALTRANS standards
- Event Log for viewing system events with date /time stamp
- Battery backed Real Time Clock

XCam-p Smart Camera

Specifications

Sensor

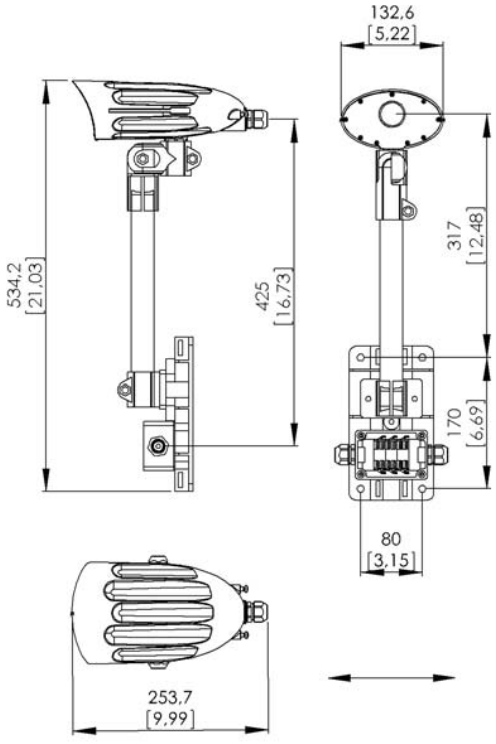
- 1/4’’ VGA CMOS sensor.
- Minimum illumination 0.04 lux @ f/1.2. Anti-blooming, zero smearing
- Signal to Noise ratio: >50dB

Housing

- IP67 Injection molded polycarbonate housing. Sun shield for hot climate an direct sun exposure. Size: 132 x 254 x 124 mm
- Power Supply: +12/24V AC/DC
- Power consumption: < 3W
- -34°C / +74°C
- Humidity: 0 to 95% RH, no condensing.
- Weight: 600 g

Detection Highlights

- High performance trajectory and tracking-based vehicle presence detection.
- High efficiency algorithm with comprehensive filters for all weather and lighting conditions.
- Easy setup, configuration and maintenance.
- Video streaming capability.



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