

TRAFFICCAM3D

The Viion TrafficCam 3D is a powerful and versatile camera designed to simplify automated traffic enforcement. With an onboard quad core processor, LTE networking, three HD imaging sensors and a proprietary LiDAR sensor, the TrafficCam 3D delivers an unparalleled combination of performance and simple utility. Trusted by clients on five continents, the TrafficCam 3D provides everything you need to deliver simple and reliable traffic enforcement, anytime, anywhere.

Aplicaciones

Speeding offences:

Red Light / Block the Box

Automatic Number Plate Recognition (ANPR)

Stolen/Wanted Vehicle Detection



TrafficCam 3D key benefits

Low Power Consumption Using only 26W of power, TrafficCam 3D units are designed to be as efficient as possible and can be solar-powered.

Compact TrafficCam 3D units are small and light weight, yet provide the same performance as bulky and expensive devices.

Wireless Cellular LTE capability allows TrafficCam 3D to provide data to clients without wired connections and update wirelessly.

Plug And Play TrafficCam 3D cameras are shipped pre-calibrated and use an integrated GPS receiver to determine location and time zone - all you have to do is point-and-go

Extremely Versatile & Powerful TrafficCam 3D fits most applications, such as speed enforcement, red light, block the box, ANPR and traffic data collection.

Easy To Integrate TrafficCam 3D comes with a web-based interface that makes it easy to configure and integrate with your system.

Specifications

| | |
|---|---|
| Weight / Length / Width / Height (excluding pan/tilt bracket) 1.8 kg 28 cm 21 cm 7.5 cm | |
| Power Supply 9-28 VDC | Typical Power Consumption 26W |
| Processor Quad-Core ARM | Imaging 1280 x 960 at 30 FPS |
| Operating System Linux 3.14 | GPS SiRF Star IV 48 Channel |
| Wi-Fi 802.11 b/g | Ethernet 1000 base-T |
| Cellular: LTE CAT4 LTE-FDD:B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/ B26/ B28 LTE-TDD B38/ B39/ B40/ B41 | |
| SIM Card Format MicroSIM | Lane coverage 2 lanes |
| Typical mounting height 4 m | Maximum effective range 30 m |
| Configuration interface Video compression Video Streaming HTTP/HTTPS rtsp H.264 | |
| Security / Encryption RSA 2048 bit RSAES-OAEP/SHA (FIPS 140-2) | |
| Synchronized LED flash wavelength 850 nm | |

| Environmental | |
|---|---|
| Water / Dust Tightness (IPX7 / IP6X) EN 60529 (A1-2000): 2019 | Operating Temperature -40°C to +55°C |
| Cold Operating IEC 60068-2-1 (2007) & IEC 60068-3-1, 2h at -20°C | Dry Heat Operating IEC 60068-2-2 (2007) & IEC 60068-3-1, 2h at 55°C |
| Damp Heat Cyclic IEC60068-2-30(2005)&IEC60068-3-4,2cycles of 24 hours between 25°C & 55°C at 93-95%RH | Random Vibration IEC60068-2-64(2008),random vibrations Category 3 at 0.8 gRMS, 10-150 Hz, 30 minutes per axis |
| Drops & Topples IEC60068-2-31(2008), 50mm, 12drops (4 on a face, 4 on corners, 4 topples) | |

| Electromagnetic Compatibility | |
|---|--|
| Radiated electromagnetic field immunity - radio frequencies IEC 61000-4-3: 2006 A1: 2007 A2: 2010 | Electrostatic Discharge Immunity IEC 61000-4-2: 2008 |
| Conducted Immunity IEC 61000-4-6: 2013 | Electrical Fast Transient Immunity IEC 61000-4-4: 2012 |
| Voltage Variations Immunity IEC 61000-4-11: 2004 A1: 2017 | |