

TRAFFICCAM

The Viion TrafficCam is a powerful and versatile camera designed to simplify automated traffic enforcement. With a built-in quad core processor, LTE networking and dual HD imaging sensors, the TrafficCam delivers an unparalleled combination of performance and simplicity. Trusted by clients on five continents, the TrafficCam provides everything you need to deliver simple and reliable traffic data collection and licence plate recognition-based enforcement, anytime, anywhere.

Applications

Automatic Number Plate Recognition (ANPR)

Traffic Flow Analysis

Stolen/Wanted Vehicle Detection

Wrong Way Driver Detection

Tolling & Congestion Charging



TrafficCam Key Benefits

LOW POWER CONSUMPTION Using only 9W of power, the TrafficCam is suitable for remote, solar-powered installations.

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

COMPACT TrafficCam units are small and lightweight, yet provide the same features as bigger, more expensive devices.

VERSATILE & POWERFUL Quad-core processor, dual camera sensors, IR illuminator, infrared image and video capture makes TrafficCam a powerful solution for any application.

SIMPLE INSTALLATION TrafficCam is designed to save you time and can be installed virtually anywhere, including portable operations.

EASY TO INTEGRATE TrafficCam comes with a web-based interface that makes it easy to configure and integrate with your system

TrafficCam Specifications

Weight / Length / Width / Height (excluding pan/tilt bracket) 1.0 kg 22 cm 16 cm 6 cm	
Power Supply POE 802.3 af (13W)	Typical Power Consumption 10W
Processor Quad-Core ARM	Imaging 1920 x 1080 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 20 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	

*Specifications subject to change without notice.

Environnemental	
Water / Dust Tightness (IPX7 / IP6X) EN 60529 (A1-2000): 2019	Operating Temperature -40°C to +75°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 IEC 60068-2-30 (2005) & IEC 60068-3-4, 2 cycles of 24 hours between 25°C & 55°C at 93-95%RH	Random Vibration IEC 60068-2-24 (2008), random vibrations Category 3 at 0.8 gRMS, 10-1250 Hz, 30 minutes per axis
Drops & Topples IEC 60068-2-31 (2008), 50 mm, 3 x 4 drops	Environmental Standard Compliance NEMA TS 2-2016 (all)

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	Emissions FCC/CE/IC EN 60529 (A1-2000): 2019