

In|Sync

THE TRAFFIC BOT

VIDEO VEHICLE DETECTION CAMERA DATASHEET

Optical Detection Camera (P/N: 800-00070)



- QUICK TO INSTALL
- SLIP MOUNT TECHNOLOGY
- MULTIPLE, INDIVIDUALLY CONFIGURABLE VIDEO STREAMS
- REAL-TIME DATA COLLECTION AND PROCESSING
- COST-EFFECTIVE
- LIGHT BUT DURABLE CONSTRUCTION
- TAMPERING ALARM AGAINST VANDALISM
- WINDOW DEFROSTER WITH SELF-CLEANING GLASS
- 24 MONTHS HARDWARE WARRANTY

In|Sync uses a compact bullet-style camera to ensure utmost accuracy of its video vehicle detection system. It is a 1080p, easy-to-install device, delivering high-quality sharp images in full HD resolution. Vanguard zoom and focus techniques help steady the image sharpness, light conditions changes, and general motion distortions when tracking moving vehicles. Simultaneous analog and IP video outputs are available for widest compatibility. The camera operates an intuitive configuration interface. It allows a fast set-up, either remotely or onsite, through a web-browser. The installation of the camera is simple - the three-conductor power connection has one end into the enclosure chassis and the other end connected to the Earth Ground in the traffic cabinet.



PHYSICAL SPECIFICATIONS

Dimensions (H x W x D)

- 5" x 6.7" x 18.9" (126.5 x 171.3 x 480 mm) including enclosure sunshield

Weight

- 8.19 lbs (3.7 kg)

Environmental Specs

- Operating temperature: -40°F to +165°F (-40°C to +74°C)
- Non-operating temperature: -50°F to +185°F (-45.5°C to +85°C)
- Humidity: 0% to 100% relative
- NEMA-4X, IP66 rated

Construction

- Aluminum enclosure
- Stainless-steel fasteners

TECHNICAL SPECIFICATIONS

Sensor Type

- 1/2.7" CMOS

Lens

- Focal Length: 5-50mm
- Iris Range: F/1.4-360
- Focusing Range: 0.3m ~ INF(wide) , 1.0m ~ INF(tele)
- 1/3 Angle of View (wide/telephoto): 53.6° x 40.3°/5.6° x 4.2°

Video Functions

- Day/Night Vision
- Noise Reduction
- Intelligent Defog

Video Streaming

- Video Compression: H.264 (MP); M-JPEG

Storage

- 2TB SD Card Slot

Network Protocols

- IPv4, IPv6, UDP, TCP, HTTP, HTTPS, RTP/ RTCP, IGMP V2/V3, ICMP, ICMPv6, RTSP, FTP, Telnet, ARP, DHCP, APIPA (Auto-IP, link local address), NTP (SNTP), SNMP (V1, MIB-II), 802.1x, DNS, DNSv6, DDNS (DynDNS.org, selfHOST.de, no-ip.com), SMTP, iSCSI, UPnP

Ethernet Interface

- 10/100 Base TX to 10/100/1000 Base TX

Power

- Input Voltage: 24 VDC
- Power Consumption: 45W

Connectors

- 1x Cable Diameter: 0.14" to 0.32" (5.5 to 8 mm)
- 1x Cable Diameter: 0.23" to 0.39" (5.8 to 10 mm)