



ITS Solutions

Traffic Safety and Control Solutions No Matter the Scope



Detection & Data Collection



Cabinets & Components



Traffic Signals



Pedestrian Safety



Intelligent Access Control



Blank Out & LED Signs



Solar Lighting

Contact Us

All Locations

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atstraffic.ca | Since 1966



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Unit 1 – 2153 192 Street
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982 Powell Avenue
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3300 Ridgeway Drive, Unit 2
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ITS SOLUTIONS



Traffic Safety and Control Solutions No Matter the Scope

Projects rarely need just one product or service. We take your specific needs into account and create a bundled product and service package for you. Using the latest technology and leveraging decades of safety and traffic control experience, we can plan, manage, and maintain your project from start to finish. We know what issues limit the decision-making process, and with our help you can confidently navigate them to make your project a success.

We're your traffic experts. Let us work with you to develop a plan and set it in motion.



Detection & Data Collection

- › Traffic Detection Systems
- › Controllers & Software
- › GPS Time Clocks
- › Power Supplies
- › Loop Detectors
- › MMUs
- › Switches & Flashers
- › UPS & batteries
- › Driver Feedback Signs
- › Micro Sensors



Cabinets & Components

- › Cabinets
- › Components
- › Controllers & Software
- › GPS Time Clocks
- › Power Supplies
- › Loop Detectors
- › MMUs
- › Switches & Flashers
- › UPS & Batteries



Traffic Signals

- › LED Signals
- › Mounting Hardware
- › Housing & Backplates



Pedestrian Safety

- › Crosswalks
- › RRFBs
- › Pedestrian Push Button & APS
- › Illuminated Overhead Sign
- › School Zone Beacons



Intelligent Access Control

- › Access Control Barriers
- › Smart Access Solutions



Blank Out & LED Signs

- › LED Enhanced Signs
- › LED Signs
- › LED Street Name Signs



Lighting

- › Solar Lighting
- › LED Retrofits

Data Collection Services

Data Insights Mean Every Decision is an Informed Decision.

Traffic data collection is a powerful tool that can provide valuable insights about traffic infrastructure, improve traffic systems, and identify specific flaws for the betterment of traffic safety.

ATS Traffic has the technological capabilities and expertise to gather data and convert it to an efficient traffic solution that will enhance your infrastructure. We have the knowledge and experience to give you exactly the traffic data you need.

Applications:

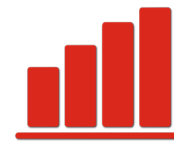
- Parking Insights
- Origin/Destination
- Municipal Data Services
- Traffic Reports
- Temporary Traffic Studies

Traffic Detection Capabilities



Speed Detection

Our driver feedback systems can detect and display vehicle speed, and smart systems can even store traffic data. Driver Feedback Signs are particularly useful in school zones and industrial areas, and serve the dual purposes of increasing road user awareness & safety and collecting traffic data.



Vehicle Counting

Traffic count data analysis is a useful tool. ATS Traffic carries vehicle counting products with a range of capabilities, including surface sensors, radar detectors, and video & LiDAR detectors. Traffic congestion data can be obtained through vehicle counting and serve well to reduce congestion of roadways with clear insights in traffic volume.



Vehicle Classification

Our vehicle classification products can identify certain types of vehicles or visitors. Whether it's a car, motorcycle, bus, semi, cyclist, or pedestrian, we can tell you exactly how many are passing through a specific area. We carry a full range of classification devices that carry out effective traffic data services for public traffic data.



Height Detection

Drivers can't always know in advance if their vehicle will clear a height like the bottom of a bridge or the top of a parkade. Our vehicle height detectors are placed before the entrance at the maximum safe height. If the vehicle is too high, the system will warn drivers in advance so they can find a better route.

Detection & Data Collection



Traffic detection & data collection can provide valuable insights about traffic infrastructure, improve traffic systems, and identify specific flaws to improve traffic safety.

Traffic detection & data collection is a crucial aspect of transportation planning and management. Information about vehicular movements & behavior and traffic density can provide valuable insights for traffic engineers, urban planners, and decision-makers. Details such as traffic volume, vehicle types, speeds, and congestion patterns help identify transportation needs and evaluate network efficiency.

Traffic Detection Systems

Traffic detection devices can provide valuable insight on vehicle counts, movement patterns, road usage, and more. We also have smart sensors – monitor air quality, noise level, and more.

Overheight Vehicle Detection

Overheight detection can be deployed in applications such as bridges, tunnels, railroads, car carriers, and equipment yards.



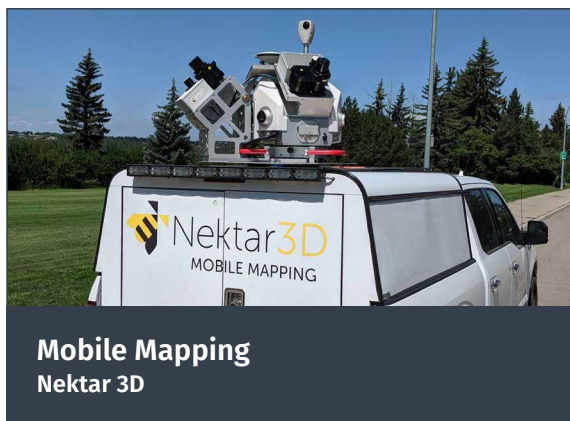
Detects overheight or oversized vehicles and warns drivers of an impending problem.

Video & LiDAR Detection

Road traffic video technology is a non-intrusive system that serves to detect the movement of identifiable entities that inhabit the road, which in return is used to generate informed decisions that can enhance safety measures, increase the efficiency of traffic flow, and manage deployed assets.



Precise traffic monitoring and valuable safety analytics. This new solution combines Ouster's award-winning LiDAR sensors and Bluecity's powerful artificial intelligence (AI) software to monitor traffic networks and public spaces. It generates real-time mobility and safety data analytics with predictions, helping to improve traffic and crowd flow efficiency, advancing sustainability, and protecting vulnerable road users.



Nektar 3D helps you create a 3 dimensional digital record of your infrastructure using a variety of different remote sensing techniques.



GRIDSMART's iconic Bell Camera delivers the transportation industry's first horizontal view that includes the center of the intersection. GRIDSMART uses vision-based tracking with a fisheye lens, empowering the system to track vehicles, pedestrians, and bicycles entering and exiting the intersection, whilst providing turning movement counts. GRIDSMART's GS3 Processor powers the Bell Camera's computer vision engine.

Surface Sensors

Surface sensors include temporary and permanent solutions for gathering traffic data.



NC 350 Bluestar Traffic Analyzer
MH Corbin Inc.

The NC350 BlueStar Traffic Analyzer with Bluetooth technology provides accurate measurements of vehicle count, speed, and vehicle length. Its sensor is installed within the road lane surface to measure data, and can be installed and removed easily without damaging the road surface. The device is designed to survey traffic on a roadway, bridge, parking garage, or construction area. Data is easily assessed using Highway Data Management software, where it can be presented in the form of reports, charts and graphs.



Preformed Loops
EDI

EDI offers a range of prefabricated loops for a variety of applications (burial, railway, concrete embedded). Each component is designed to maximize durability, minimize water penetration, and maintain a flexible form that is easy to install and handle.

Radar Detection

Radar detectors are non-invasive, easy to install, and accurate.



Armadillo® Tracker
Houston Radar

Armadillo® Tracker traffic collector is a fully integrated multi-lane bidirectional traffic data gathering device. It is a small size, simple to configure in the field, a non-intrusive sensing technology, and has long range wireless connectivity capabilities.



RTMS Echo
Sensys

The RTMS Echo delivers precise and actionable point-based data in near real-time. This device operates as a data reporting engine that harnesses accurate, per vehicle information and delivers exceptional detail regarding roadway usage. You can solve transportation issues in the present, while planning effective solutions for the future. With the RTMS Echo, you acquire the necessary tools to maximize existing infrastructure and optimize the safety of city road networks.

WAVETRONIX

Wavetronix is a proud partner of ITS. Wavetronix creates and manufactures advanced radar products for vehicle detection at intersections and roadways.



SmartSensor Advance
Wavetronix

Intersection Detection. Bridge the gap between safety and efficiency with intelligent dilemma zone protection. Only SmartSensor Advance uses dynamic ETA tracking to protect vehicles that need it.



SmartSensor Matrix
Wavetronix

Intersection Detection. The SmartSensor™ Matrix is a first-of-its-kind stop bar presence detector designed for use at signalized intersections to detect vehicles with the reliability of radar and with all the advantages of non-intrusive detection.



SmartSensor HD
Wavetronix

Highway Detection. Smart traffic depends on accurate, reliable data. SmartSensor HD is the only vehicle detector that provides all the data you need, including per vehicle speeds, vehicle counts, average speed, 85th percentile speed, occupancy and more.



XP20 Side-Fire ITS Radar Sensor
Wavetronix

Wavetronix' latest system is a whole new way to look at radar detection. Pair the Expanse XP20 sensor with the Expanse Arc and Expanse desktop software so that you can see and configure all your sensors from your computer. New applications, released periodically, help you get the most from your data.



XP21 Small Intersection Solution
Wavetronix

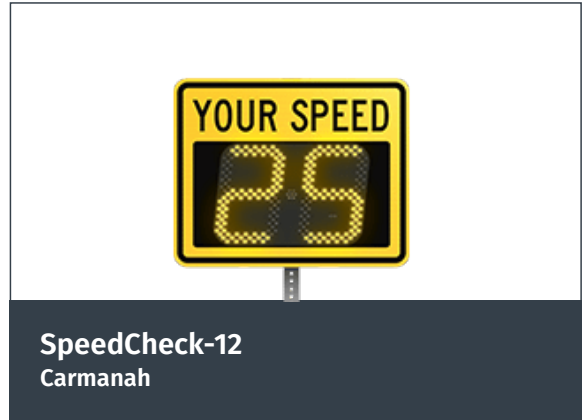
The XP21 is a first-of-its-kind stop bar detector capable of detecting traffic in an entire small intersection by itself. Accompanied with an Arc and the Expanse software, you can see and configure all your sensors from your computer.

Driver Feedback Signs

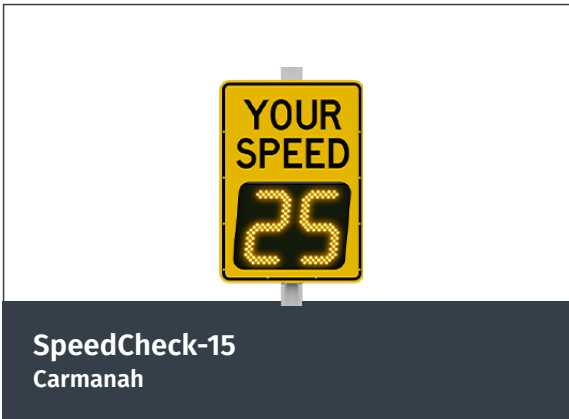
Driver Feedback (DFB) signs are an effective tool in decreasing speeds in urban communities, on highways, in school zones, construction sites or special events.



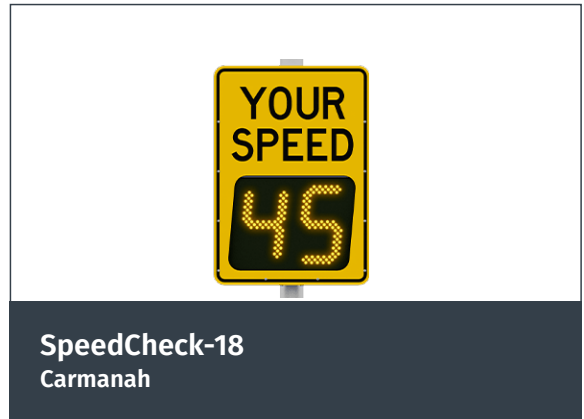
Carmanah SpeedCheck Radar Speed Signs feature a high-contrast display for greatest readability, data collection capability, calendar/schedule operation and reporting software, and customizable options for static signs, power sources, remote connectivity, beacon add-ons and more.



The SPEEDCHECK-12 radar speed sign is an effective and portable solution for slowing traffic in pedestrian and school zones, residential areas, and arterials and rural roadways with posted speeds less than 70 kph. Visible from 360'.



The SPEEDCHECK-15 radar speed sign effectively slows traffic in pedestrian and school zones, residential areas, and arterials and rural roadways with posted speeds less than 70 kph. Visible from 450'.



The SPEEDCHECK-18 radar speed sign is a traffic calming tool for highway and expressway applications with posted speeds 45 mph and over. Visible from 540'.



Quarterhill I-SAFE radar speed signs are effective for addressing public complaints about speeding vehicles, improving the safety of roadside workers, encouraging drivers to slow down in school zones, and collecting data for traffic studies.



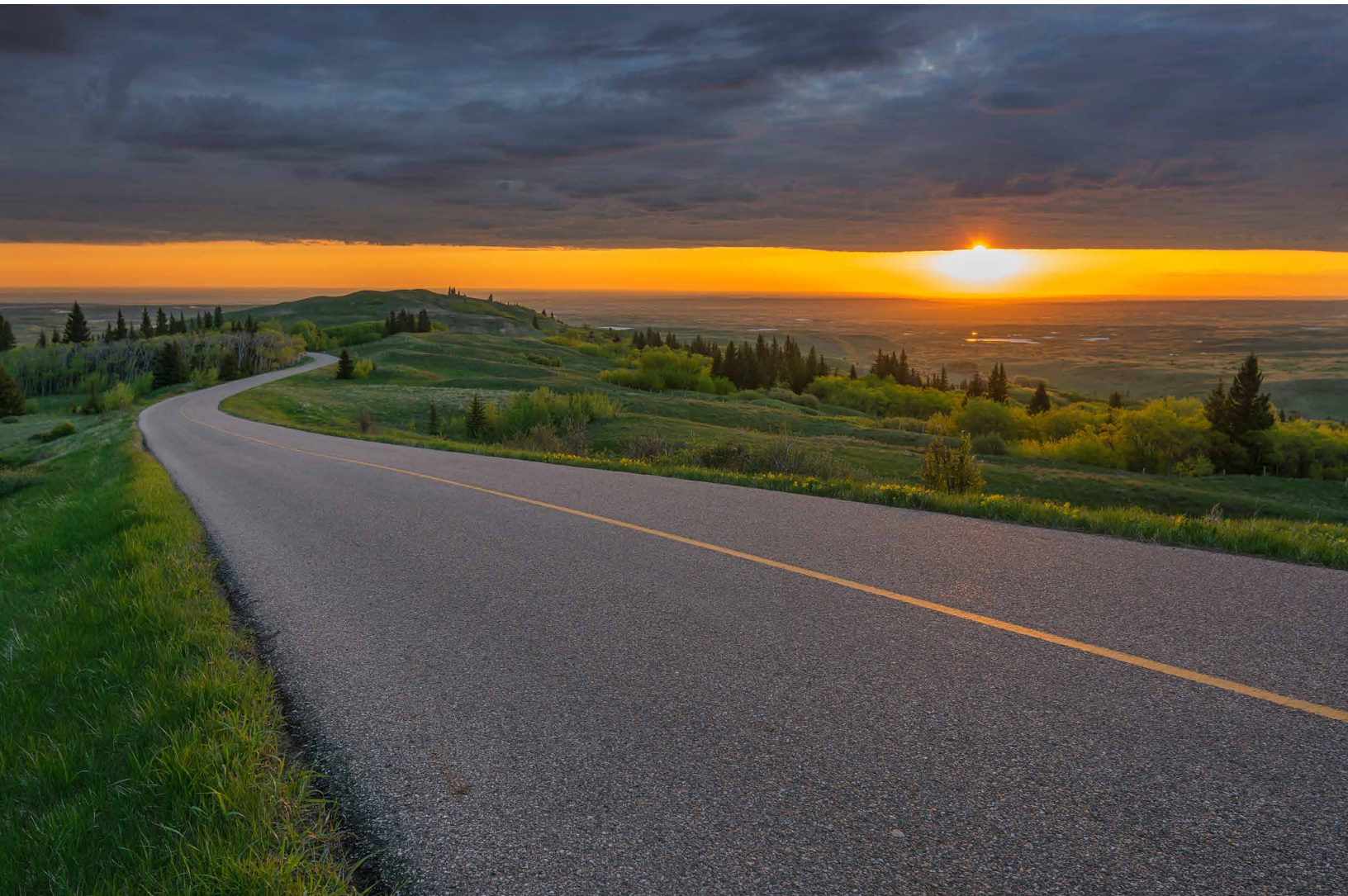
I-SAFE 1 Dynamic Speed Sign
Quarterhill

The I-SAFE 1 links speed information from an ICOMS radar module to an LED matrix that displays the speed and can also display custom pictograms. Two versions are available, one with amber LEDs, and one that changes color from green to orange to red based on the driver's behavior. An LED strobe can be set to activate at a user-configured speed threshold.

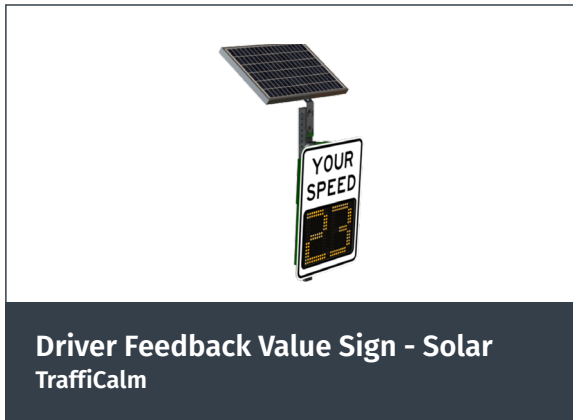


I-SAFE 2 SL Radar Speed Sign
Quarterhill

For greater speed-reduction impact, the I-SAFE 2 includes both a 360-LED speed display and a customizable 832-LED matrix for displaying text messages or pictograms. An LED strobe can be set to activate at a user-configured speed threshold.

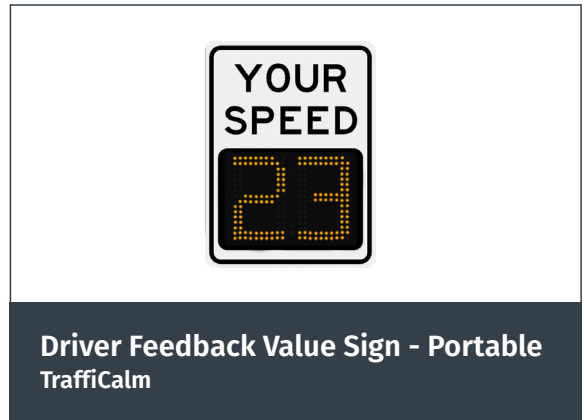


TraffiCalm radar signs range in size and capability. Their iQ series signs feature a full matrix for additional speed-triggered messages such as TOO FAST or SLOW DOWN and can collect traffic data, while their Value series signs are designed for situations where this is not necessary.



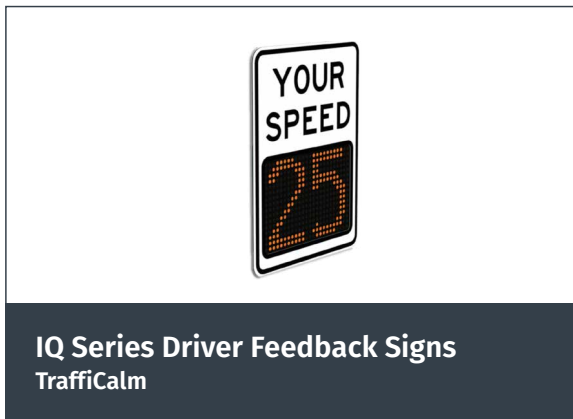
Driver Feedback Value Sign - Solar
TraffiCalm

The Value Series features bright 9" or 12" LED characters and help increase awareness on neighborhood streets where so many crashes occur every year. These signs come in 20W or 60W solar power options.



Driver Feedback Value Sign - Portable
TraffiCalm

The Value Series features bright 9" or 12" LED characters and help increase awareness on neighborhood streets where so many crashes occur every year. This sign features an integrated 20Ah NiMH battery pack.



IQ Series Driver Feedback Signs
TraffiCalm

Bright characters (ranging from 9" - 18") can help increase driver speed awareness on neighborhood streets where so many small accidents occur every year. SafetyCalm™ data collection software allows you to gather hard data of traffic patterns and program the sign with speed-triggered messaging to help keep streets safer.



TC Mini Trailer
TraffiCalm

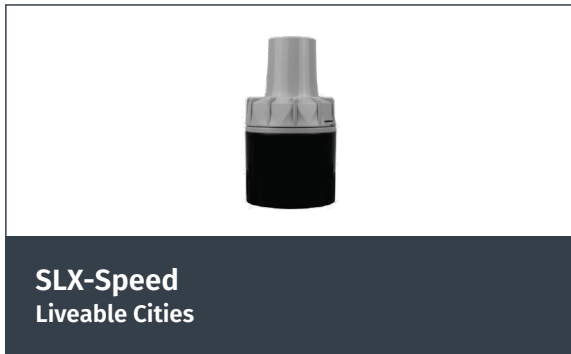
With the TraffiCalm Mini Display Trailer, traffic calming is easy. A portable sign operating on solar power or batteries can be moved from place to place, collecting data about traffic that can be downloaded through a wireless Bluetooth connection. The trailer allows for DFB's to be quickly and easily deployed wherever needed. This trailer is available with the iQ1200 and iQ1500 radar signs (sold separately).

Micro Sensors

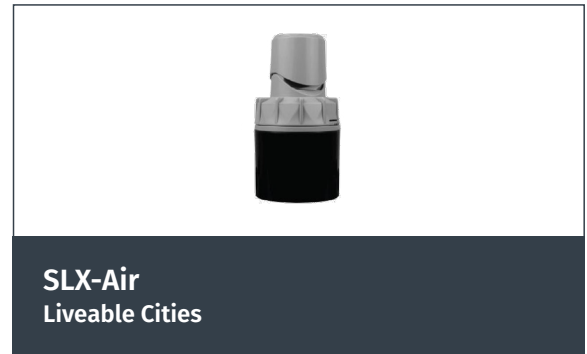
Micro sensors can provide video surveillance, speed enforcement, vehicle counting and classification, as well as air quality, noise, and other data.



SmartLinx micro-sensors are an innovative technology that can easily launch a smart city with low cost and low risk on existing public streetlights that have a NEMA receptacle. The micro-sensors allow for tool-less installation of various smart city sensors. SmartLinx micro-sensors are durable, compact, easy to install, and provide automated reporting.



Real-time speed enforcement and data collection.



Air quality monitoring and data collection.



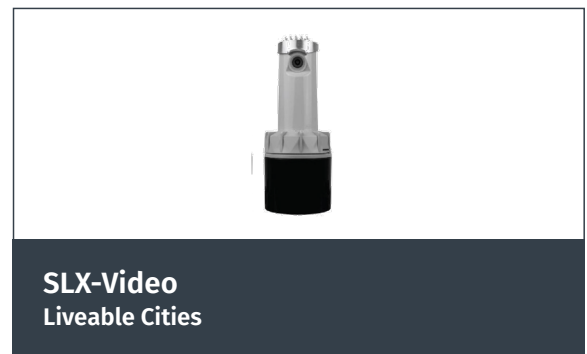
Real-time pollution monitoring and data collection.



Real-time acoustic monitoring and data collection.



High accuracy counting and classification of bicycles, pedestrians, and vehicles at a mid-block street location.



Easy, affordable video surveillance wherever street lights are located.

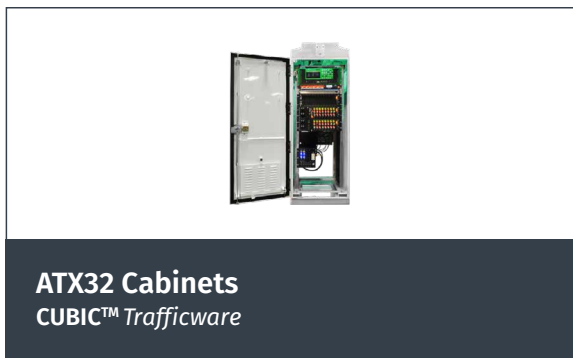
Cabinets & Components



Roadside cabinets for housing traffic equipment and cabinet components (controllers, MMUs, timeclocks, detectors, etc.).

Cabinets

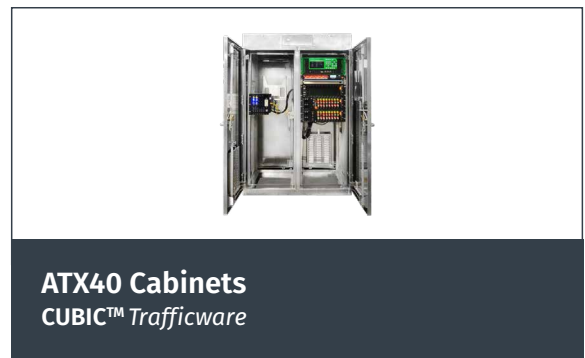
UPS, NEMA, and Caltrans cabinets for housing intersection & roadside equipment safely.



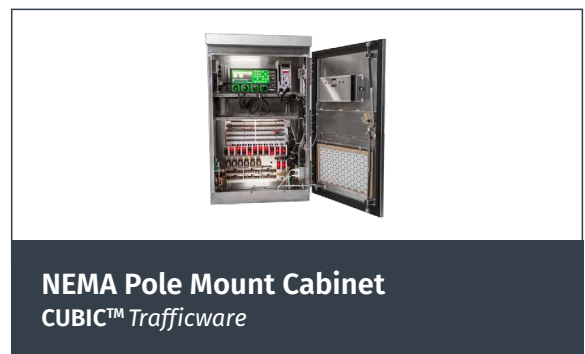
The ATX Series is Cubic Trafficware's ATC Cabinet. With modular assemblies, high-density components, serial architecture, 120 VAC and 230/240 VAC operation. The ATX Cabinet can replace any legacy cabinet (including Model 33x NEMA TS 1, NEMA TS 2 and ITS Cabinet v1) and is compatible with most existing foundation footprints and bolt patterns.



NEMA cabinets are exclusively available as TS1 or TS2 options. NEMA cabinets are available in configurations for pad or pole mounting, lighting, finish and more, all while protecting against environmental hazards.



The ATX Series is Cubic Trafficware's ATC Cabinet. With modular assemblies, high-density components, serial architecture, 120 VAC and 230/240 VAC operation. The ATX Cabinet can replace any legacy cabinet (including Model 33x NEMA TS 1, NEMA TS 2 and ITS Cabinet v1) and is compatible with most existing foundation footprints and bolt patterns. The ATX40 is sized to P-44 base.



NEMA cabinets are exclusively available as TS1 or TS2 options. NEMA cabinets are available in configurations for pad or pole mounting, lighting, finish and more, all while protecting against environmental hazards.



EL702 - SIZE M CABINET NEMA SIZE 5
Eagle Traffic Control Systems

The Eagle Size M Cabinet protects electronic components including controllers and other equipment. It features an aluminum enclosure for protection from all forms of outdoor natural elements including rain, sleet, and snow, as well as seepage and splash.



EL708 - SIZE STRETCH M CABINET NEMA SIZE 5 STRETCH
Eagle Traffic Control Systems

The Eagle Size Stretch M Cabinet protects electronic components including controllers and other equipment. It features an aluminum enclosure for protection from all forms of outdoor natural elements including rain, sleet, and snow, as well as seepage and splash.



EL704 - SIZE M36 NEMA CABINET
Eagle Traffic Control Systems

The Eagle Size M36 Cabinet protects electronic components including controllers and other equipment. It features an aluminum enclosure for protection from all forms of outdoor natural elements including rain, sleet, and snow, as well as seepage and splash.



EL712 - SIZE P CABINET NEMA SIZE 6
Eagle Traffic Control Systems

The Eagle Size P Cabinet protects electronic components including controllers and other equipment. It features an aluminum enclosure for protection from all forms of outdoor natural elements including rain, sleet, and snow, as well as seepage and splash.



ELS1014 - SUPER P CABINET WITH INTEGRATED UPS COMPARTMENT
Eagle Traffic Control Systems

The Eagle Super P cabinet secures and protects traffic management related electronic components from all forms of outdoor natural elements, including rain, sleet and snow. The Super P aluminum cabinet also includes a divided compartment to house a battery backup system, allowing for an uninterrupted power supply in the same enclosure, for ease of installation.



EL712DQ - SMART P CABINET NEMA SIZE 6
Eagle

The Eagle "Smart P" cabinet is designed for maximum convenience with extra storage space and easy access to electronic components. The Smart P's added features include a 19" EIA equipment mounting rack with 12U of open rack space.



EL720 - SIZE R CABINET NEMA SIZE 7
Eagle

The Eagle Size R Cabinet protects electronic components including controllers and other equipment. It features an aluminum enclosure for protection from all forms of outdoor natural elements including rain, sleet, and snow, as well as seepage and splash.



332L WIRED CABINET - CALTRANS
Eagle

The 332L cabinet assembly provides control for up to eight vehicle phases and four pedestrian phases, and six additional phases can be added using the optional auxiliary output file. Two doors enable access from either side to provide easy maintenance.



334L WIRED CABINET - CALTRANS
Eagle

The 334L cabinet assembly is ideal for ramp metering and other applications such as a fiber optic hub, CCTV, irrigation, and sign control. Two doors enable access from either side to provide easy maintenance.



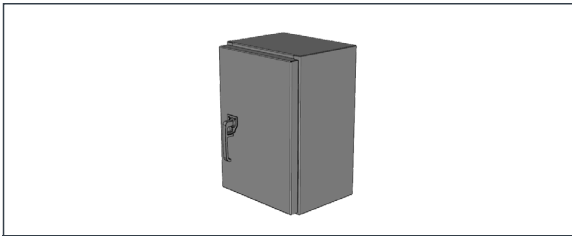
336L WIRED CABINET - CALTRANS
Eagle

The 336L cabinet assembly provides control for up to eight vehicle phases and four pedestrian phases. Two doors enable access from either side to provide easy maintenance.



332DL CABINET - CALTRANS
Eagle

The 332DL double-wide cabinet assembly provides control for up to eight vehicle phases and four pedestrian phases, and six additional phases can be added using the optional auxiliary output file. Four doors enable access from either side to provide easy maintenance.



SPW01 POLE-MOUNT ROADSIDE CABINET
Valid

This cabinet is designed to meet all British Columbia Ministry of Transportation requirements and is used for road and streetside controls, primarily traffic pre-emption.



SPW01U POLE-MOUNT UPS ENCLOSURE
Valid

This cabinet is designed to support a small UPS (uninterruptable power supply) and a single large battery or two small batteries.



SE48-1616 48" OUTDOOR TRAFFIC BBS ENCLOSURE
Alpha

The SE48-1616 is an outdoor rated (NEMA 3R) enclosure. Features include: stainless steel door handle, integrated lock and latch, integrated document holder and an angled generator plug with water tight generator door (generator plug option).

Cabinet Security

BlueWARRIOR Intelligent BlueKey™ Systems use secure cloud-based subscription technology to deliver flexible, cost-effective solutions that increase security, accountability and provide a complete Audit Trail of all Keys, Key Cylinders, and Transactions. Each Key and Lock Cylinder has a unique encrypted ID. Each transaction is marked with IDs and a Timestamp and automatically entered into a database for easy analysis. Know exactly who is activating your keys, when, and where.



USB Micro rechargeable USB key - lithium battery.



Waterproof and dustproof traffic enclosure lock with no wires, no batteries, and no maintenance required.

Cabinet Components

Including controllers, GPS time clocks, power supplies, loop detectors, MMUs, switches & flashers, and UPS & batteries.

Controllers & Software

Traffic signal controllers and software which feature complex phasing, detector processing, coordination, preemption, and adaptive timing.

CUBIC™

Trafficware®



COMMANDER™ ATC Controller
CUBIC™ Trafficware

The COMMANDER™ ATC Traffic Signal Controller is designed to meet and exceed the latest NEMA TS1, TS2-1, TS2-2 and ATC standards. Trafficware's extensive experience and innovations in electrical and industrial design and software engineering concepts have substantially enhanced intersection control capabilities for stakeholders.



SynchroGreen
CUBIC™ Trafficware

SynchroGreen® is an Adaptive Signal Control Technology (ASCT) solution from Cubic ITS. SynchroGreen® collects traffic data at signalized intersections, analyzes the data for changes, and adjusts traffic signal timings in real-time based on current demands.



Synchro Studio
CUBIC™ Trafficware

Premier applications for traffic analysis, optimization, and simulation. The perfect software for traffic agencies, planners, and consultants.



**ADVANCED TRANSPORTATION
MANAGEMENT SYSTEM (ATMS)**
CUBIC™ Trafficware

The Cubic TrafficWare ATMS solution is a scalable traffic operations management platform for agencies managing complex transportation systems. ATMS enables agency staff to view the current status, monitor intersection network performance, analyze alerts, generate reports, and configure and control intersection edge devices.

GPS Time Clocks

Timer control at intersections with the accuracy of GPS technology.



SPC-22 GPS SATELLITE PROGRAMMABLE CLOCK
Orange Traffic

Timer control at intersections with the accuracy of GPS technology. The SPC-22 is a programmable clock equipped with four relay outputs. It serves to control electrical or electronic devices according to a predetermined schedule while leveraging the incredible accuracy of GPS satellite clocks.




STS-22 GPS SATELLITE TIME SYNC
Orange Traffic

The STS-22 maintains the accuracy of your equipment's internal clocks and remains perfectly synchronized at all times, including after power outages. Indeed, it uses the GPS time signal to automatically readjust itself. This signal is perfectly stable and eliminates the risks of thermal drift deregulation. The module can be plugged into any standard NEMA or 170 detection cabinet and is equipped with a practical backlit multipurpose display that enables onsite configuration and status monitoring.

Power Supplies

Power supplies for NEMA and Caltrans cabinets.




PS-175B POWER SUPPLY UNIT FOR NEMA CABINETS
EDI

The ideal power source when using high current devices such as video detection cards. The PS-175B Rack Power Supply is a rack mounted high efficiency switching power supply that provides regulated 24 VDC power for a NEMA TS-1 Detector Rack. The PS-175B provides a regulated output rated at 3 Amps over the full NEMA operating temperature range.



206L POWER SUPPLY UNIT FOR CALTRANS CABINETS
EDI

The EDI Model 206L is plug-in compatible with the Caltrans PDA #2 and PDA #3 found in 332 and 336 type cabinets using a Model 206 cabinet power supply. The Model 206L provides a regulated 24 Vdc at 5 Amps over the full -34 degrees C to +74 degrees C operating temperature range.



PS-250 POWER SUPPLY UNIT FOR NEMA CABINETS
EDI

The ideal power source when using high current devices such as video detection cards. The PS-250 Cabinet Power Supply is a shelf mounted unit which supplies regulated DC power, unregulated AC power, and a line frequency reference for the Detector Rack, BIUs, load switches, and other auxiliary equipment. The PS-250 meets and/or exceeds all requirements of the NEMA TS2-2016 Standard.



KY-PS48 Industrial Power Supply
Dymec

120W single-output industrial DIN RAIL power supply. Protections: short circuit, overload, over voltage, over temperature. Can be installed on DIN rail TS-35/7.5 or 15.

Loop Detectors

Loop detectors can collect various data: queue detection, vehicle counting, or speed measurements.



ORACLE ENHANCED 2-CHANNEL INDUCTIVE LOOP DETECTORS
EDI

The ORACLE 2E, 2EC. Two channel rack mount detector with LCD Display, 20 levels of sensitivity, eight loop frequencies, three modes of operation.



ORACLE ENHANCED 4-CHANNEL INDUCTIVE LOOP DETECTOR
EDI

The ORACLE 4E. Four channel rack mount detector with LCD Display, 20 levels of sensitivity, eight loop frequencies, three modes of operation.



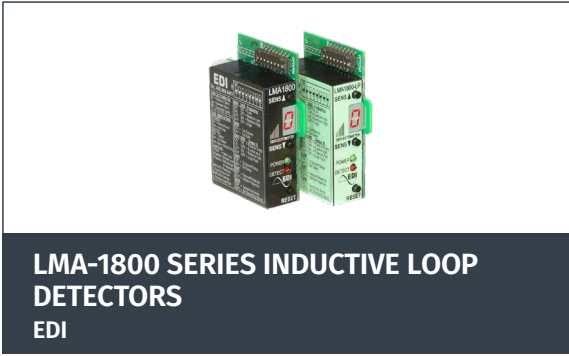
ORACLE ENHANCED 4-CHANNEL INDUCTIVE LOOP DETECTOR
EDI

The ORACLE 4H. Four channel rack mount detector with LCD Display, 20 levels of sensitivity, eight loop frequencies, three modes of operation. Half width front panel.



LMA-1250 SERIES INDUCTIVE LOOP VEHICLE DETECTORS
EDI

Single channel with programmable dual relay output. The DEFLECTOMETER® display helps optimize the proper sensitivity setting to detect all vehicles including motorcycles.



LMA-1800 SERIES INDUCTIVE LOOP DETECTORS
EDI

Single channel with dual programmable solid state outputs. Printed circuit board (pcb) mounted. The DEFLECTOMETER® display helps optimize the proper sensitivity setting to detect all vehicles including motorcycles.



LM622 DUAL CHANNEL NEMA TS2-A LOOP DETECTOR
EDI

Two channel rack mount NEMA TS2 detector with 15 levels of sensitivity, four loop frequencies, three modes of operation, DIP switch controls.



LMD622 DEFLECTOMETER, 2-CHANNEL NEMA TS2-A LOOP DETECTOR
EDI

Two channel rack mount NEMA TS2 detector with DEFLECTOMETER®, four loop frequencies, three modes of operation.



LMD622T DEFLECTOMETER, 2-CHANNEL NEMA TS2-C LOOP MONITOR
EDI

Two channel rack mount NEMA TS2 detector with DEFLECTOMETER®, four loop frequencies, three modes of operation. Solid State outputs and Delay / Extension timing.



LMD624 DEFLECTOMETER 4-CHANNEL TS2-B LOOP MONITOR
EDI

Four channel rack mount NEMA TS2 detector with DEFLECTOMETER®, four loop frequencies, three modes of operation.



LMD624T DEFLECTOMETER 4-CHANNEL TS2-D LOOP MONITOR
EDI

Four channel rack mount NEMA TS2 detector with DEFLECTOMETER®, four loop frequencies, three modes of operation. Solid State outputs with Delay / Extend.

MMUs

Cabinet monitors for Caltrans, NEMA & ITS cabinets.




210C CONFLICT MONITOR FOR CALTRANS CABINETS
ED I

Designed to provide the basic monitoring requirements for Caltrans Type 170 Output Files.



2010 SERIES SIGNAL MONITOR UNITS FOR CALTRANS CABINETS
ED I

Utilizes enhanced monitoring functions to increase cabinet fault coverage, providing additional assurance that cabinet equipment malfunctions will be detected and diagnosed properly.



2018 SERIES SIGNAL MONITOR UNITS FOR CALTRANS CABINETS
ED I

Enhanced monitoring functions to increase cabinet fault coverage, providing additional assurance that equipment malfunctions will be detected and diagnosed properly.



AMU-214 AUXILIARY MONITOR UNIT FOR ITS CABINETS
ED I

Provides the voltage and current data acquisition function of the cabinet monitoring system.



CMU-212 CABINET MONITOR UNIT FOR ITS CABINETS
ED I

Intended to operate with the AMU-214 Auxiliary Monitor Unit to form a compact and modular cabinet malfunction management system for the ITS Cabinet.



MMU2-16LE SERIES MALFUNCTION MANAGEMENT UNIT FOR NEMA CABINETS
ED I

Use the built-in Setup Wizard to quickly and accurately configure the SmartMonitor® to the exact requirements of the cabinet and intersection.



MMU-16E MALFUNCTION MANAGEMENT UNIT FOR NEMA CABINETS
EDI

Incorporates many of the features of a TS1-1989 Conflict Monitor Unit along with additional enhanced monitoring, display, and trouble shooting functions.



NSM-E SERIES NEMA STANDARD MONITOR ENHANCED SERIES
EDI

Provides technicians with full intersection display and powerful monitoring and trouble-shooting tools to ensure cabinet malfunctions are detected, diagnosed, and repaired with confidence.



SIU-2218 SERIAL INTERFACE UNIT FOR ATC CABINETS
EDI

Performs the interface between Serial Bus #1 of the Controller and the Input Assembly, Output Assembly, and other devices in an ATC cabinet.



SSM-LE SERIES SIGNAL SEQUENCE MONITOR UNITS FOR NEMA CABINETS
EDI

Full Intersection LCD display and event log recording capabilities equip technicians with detailed and accurate information to ensure cabinet malfunctions are detected, diagnosed, and repaired with confidence.



MONITORKEY DATA KEY PROGRAMMING TOOL
EDI

Replaces the traditional conflict monitor Programming Card and eliminates the need for mechanical switches, jumpers, and diode cards.

Switches & Flashers

Load switches and flashers help ensure long life and reliable operation from the triac device.



10+2 Port, Managed, Temperature Hardened, Industrial Ethernet Switch with 1GbE Uplinks, ERPSv2 & NSA Endpoint Certification



6 x 4 Port PSE, Managed, Gigabit, Power over Ethernet (IEEE 802.3 af / at, bt), 30 / 60 / 95 - Watt, Temperature Hardened, ITS, Industrial, Input File, Ethernet Switch – Low Power / NSA Endpoint Certified with ERPSv2 Redundant Fiber Technology



6x4 Port, Managed, Gigabit, Temperature Hardened, ITS, Industrial, Input File, Ethernet Switch – Low Power / NSA Endpoint Certified with ERPSv2



6 x 4 Port, Managed, Ten Gigabit, Temperature Hardened, ITS, Industrial, Input File, Ethernet Router / Switch: 4 x 1/10 GbE Uplinks – Low Power / NSA End Point Certified with ERPSv2



6 x 4 Port, Managed, Ten Gigabit, Temperature Hardened, ITS, Industrial, Input File, Ethernet Switch with 4- 1/10 GbE Uplinks – Low Power / NSA End Point Certified with ERPSv2



Gigabit Ethernet Industrial Transceiver. Standard Small Form Factor Pluggable Package – SFP MSA Compliant. 1.25 Gigabits / 1310 Nanometer.



The KY-VDSL2SFP is an MSA compliant Small Form Factor Pluggable module that enable Ethernet Switches that support the Serdes SFP interface specification.



510 SERIES LOAD SWITCH UNIT
ED I

NEMA + Caltrans compatible. The 510 Series solid state Load Switch operates best with ED I's Model 810 solid state Flasher.



810 SERIES FLASHER UNIT
ED I

NEMA + Caltrans compatible. The Model 810 solid state Flasher operates best with ED I's 510 series solid state Load Switch Unit.



200 SERIES LOAD SWITCH UNIT
ED I

NEMA + Caltrans compatible. The 200 Series Load Switch operates best with ED I's Model 204 solid state Flasher.



204 SERIES FLASHER UNIT
ED I

NEMA + Caltrans compatible. The Model 204 solid state Flasher operates best with ED I's 200 Series solid state Load Switch.



UPS & Batteries

Batteries and accessories and Uninterruptible Power Systems (UPS).



ALPHACELL XTV BATTERIES
Alpha Technologies

The AlphaCell XTV Battery line is specifically designed for extreme outdoor temperature applications. Its virgin lead-alloy grids minimize corrosion and maximize life expectancy.



ALPHAGUARD BATTERY CHARGE MANAGEMENT SYSTEM
Alpha Technologies

AlphaGuard™ battery charge management system monitors and protects your batteries by spreading the charge voltage equally across all the batteries in the string, ensuring that every battery - whether old or new - is properly charged.



REMOTE BATTERY MONITORING SYSTEM PLUS
Alpha Technologies

The Remote Battery Monitoring System (RBMS) Plus from Alpha provides detailed, real time information on batteries, reducing unnecessary costly truck rolls, and ensuring actual outage backup times are not unknowingly compromised by degraded batteries.



TRANSFER SWITCHES
Alpha Technologies

The Universal Automatic Transfer Switch ensures continuous operation of your systems either with conditioned line power, battery backup power or power direct from the line should the UPS require maintenance.



FXM HP 650 RUGGED UPS MODULE
Alpha Technologies

650W/VA UPS designed to operate in extreme environments and provide maximum flexibility. The FXM HP UPS continues the longstanding excellence in Battery Backup Systems by ensuring equipment in security, communications, traffic, industrial environments, and many other critical applications remains safe and protected from power disturbances and outages.



FXM HP 1100 RUGGED UPS MODULE
Alpha Technologies

1100W/VA UPS designed to operate in extreme environments and provide maximum flexibility. The FXM HP UPS continues the longstanding excellence in Battery Backup Systems by ensuring equipment in security, communications, traffic, industrial environments, and many other critical applications remains safe and protected from power disturbances and outages.



FXM HP 2000 RUGGED UPS MODULE Alpha Technologies

2000W/VA UPS designed to operate in extreme environments and provide maximum flexibility. The FXM HP UPS continues the longstanding excellence in Battery Backup Systems by ensuring equipment in security, communications, traffic, industrial environments, and many other critical applications remains safe and protected from power disturbances and outages.



MICRO 100 RUGGED UPS SYSTEM Alpha Technologies

The Micro 100 is a superior outdoor rated uninterruptible power supply/backup power solution that supports loads up to 100W. Protected by an outdoor rated enclosure, this system operates in the most severe weather conditions. The installation for the Micro 100 is quick and easy due to the small compact design and light weight.



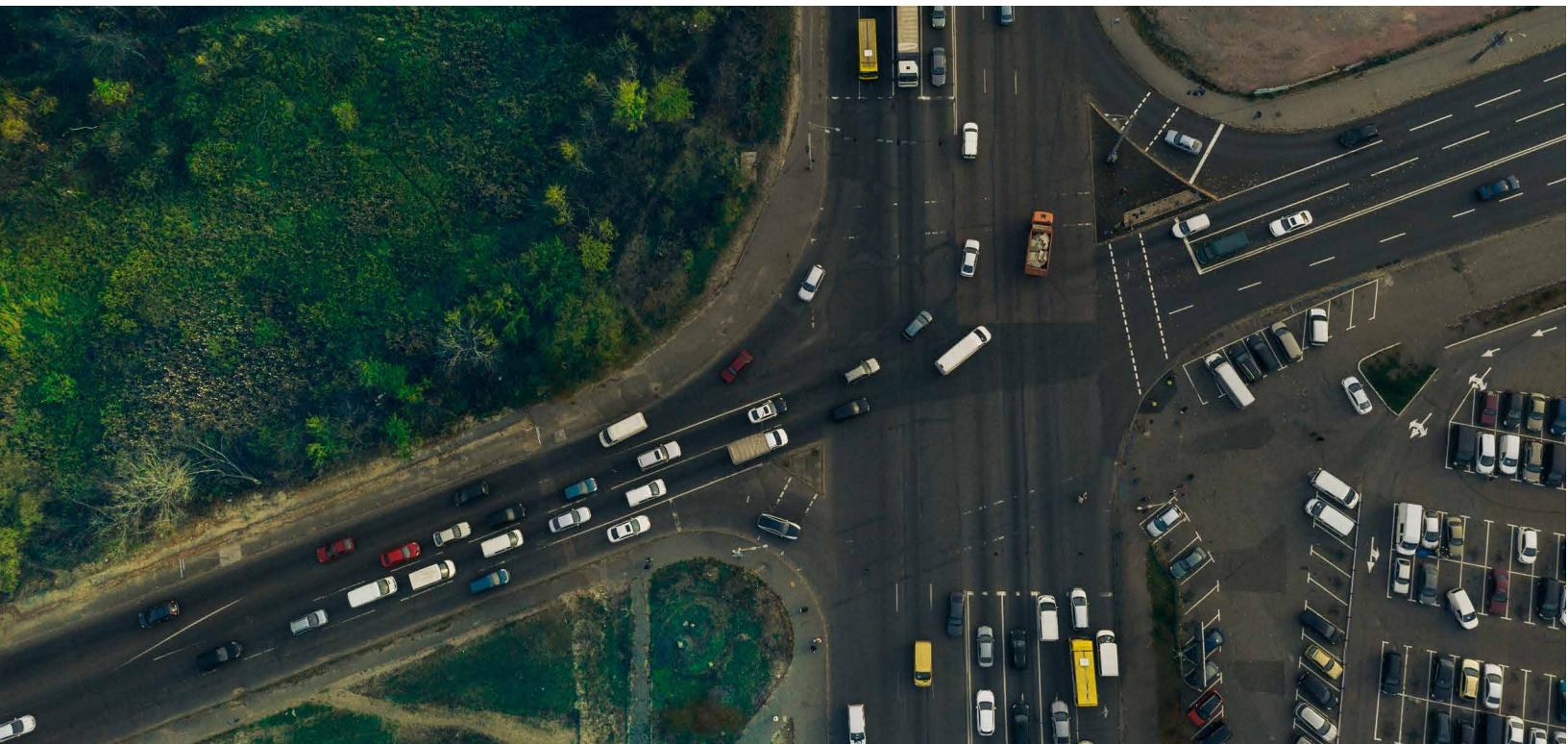
MICRO 350 RUGGED UPS SYSTEM Alpha Technologies

The Micro 350 is a superior outdoor rated uninterruptible power supply/backup power solution that supports loads up to 100W. Protected by an outdoor rated enclosure, this system operates in the most severe weather conditions. The installation for the Micro 100 is quick and easy due to the small compact design and light weight.



MICRO 1000 RUGGED UPS SYSTEM Alpha Technologies

The Micro 1000 is a superior outdoor rated uninterruptible power supply/backup power solution that supports loads up to 100W. Protected by an outdoor rated enclosure, this system operates in the most severe weather conditions. This system provides constant, reliable backup power for Access Control, Security, Public Utility and Telecommunications applications in a compact all-in-one enclosure.




Traffic Signals



Everything you need for well-designed, durable, and safe intersections: Traffic signals, mounting hardware, housing & backplates.


LED Signals

ITE-compliant LED traffic signals – including traffic signal modules, omni-directional arrows, and pedestrian signals.




**ITE COMPLIANT LED SIGNAL MODULES -
HAND & PERSON SIGNALS**
Dialight

Fully compliant to ITE PTC SI Part 2 LED Pedestrian Traffic Signal Module Specification dated 3/09/2004. Meets or exceeds ITE uniformity ration. Independent dedicated power supplies for added safety and reliability



**ITE COMPLIANT LED SIGNAL MODULES -
COUNTDOWN PEDESTRIAN SIGNALS**
Dialight

MUTCD compliant for countdown applications. Full preemption compatibility. Up to 8 units can be connected in parallel without affecting monitoring of the Hand / Person.



**ITE COMPLIANT LED SIGNAL MODULES -
TRAFFIC SIGNAL MODULES**
Dialight

Industry's lowest power for all colors. Temperature compensated power supplies for longer LED life. Meets or exceeds ITE intensity, color and uniformity specifications.



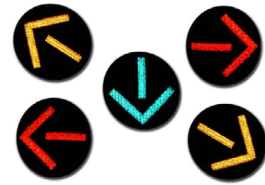
**ITE COMPLIANT LED SIGNAL MODULES -
OMNI-DIRECTIONAL ARROW**
Dialight

Industry's lowest power for all colors. Temperature compensated power supplies for longer LED life. Meets or exceeds ITE intensity, color and uniformity specifications. Allows for mounting in any orientation in the signal head.



LONG LIFE ITE COMPLIANT LED TRAFFIC SIGNALS - TRAFFIC SIGNAL MODULES
Dialight

15 year full performance warranty. Enhanced thermal management. Meets / exceeds ITE uniformity specifications.



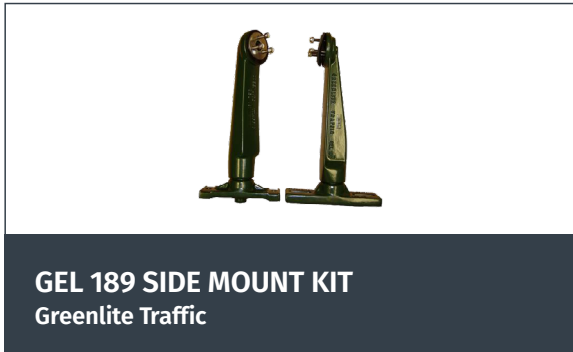
LONG LIFE ITE COMPLIANT LED TRAFFIC SIGNALS - OMNI-DIRECTIONAL ARROWS
Dialight

15 year full performance warranty. Enhanced thermal management. Meets / exceeds ITE uniformity specifications.



Mounting Hardware

A full range of solutions for mounting traffic signals, cameras, and pedestrian signals.



A tri-stud connector assembly with a unique design that greatly simplifies assembly and disassembly.



Tri-stud connector assembly. Neoprene gasket for water-tight connection to accommodate for electrical wiring



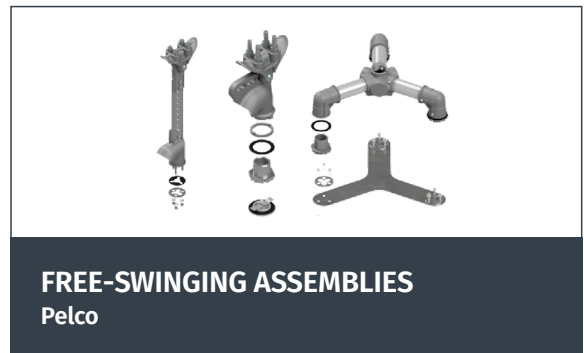
Comes in yellow or white with left or right hand indicator. Ready to install.



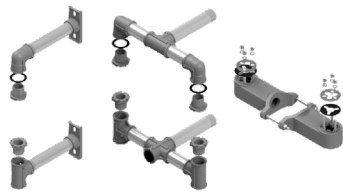
A tri-stud connector assembly with a unique design that greatly simplifies assembly and disassembly.



Pelco's Astro-Brac universal mounting systems are used for signs, cameras, sensors and virtually any size or combination of signals, to attaching mast arms and poles. The Astro-Brac is fitted with cables or bands and can rotate 360 degrees.



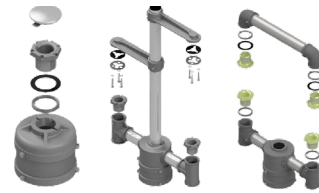
Pelco's Span Wire mountings are available in aluminum or iron with 1-1/2" NPS or tri-stud fittings. Balance adjusters provide additional adjustment capabilities, while tether assemblies may be used to anchor the bottom of signals in windy applications.



RIGID SIDE OF POLE ASSEMBLIES

Pelco

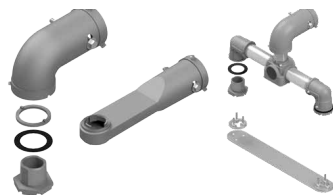
Pelco's Side-of-Pole assemblies are designed to mount traffic and pedestrian signals on the side of traffic signal poles using an upper and lower arm. Available in aluminum or iron, and 1-1/2" NPS, tri-bolt, or tri-stud, and a vast array of hubs to accommodate both 1-way or 2-way signal configurations.



RIGID POST TOP ASSEMBLIES

Pelco

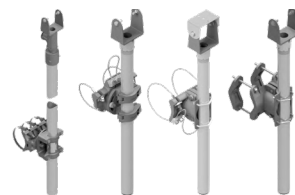
Pelco's Post Top Slip Fitters are available in aluminum, bronze, and iron, 1-1/2" NPS, Tri-Bolt, or Tri-Stud. Post Top Terminal Compartments are also available in aluminum, bronze, and iron and are supplied with a 12-circuit terminal strip or block.



RIGID TENON MOUNT ASSEMBLIES

Pelco

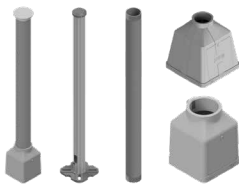
Pelco's aluminum Plumbizers assemblies are designed to mount traffic signal assemblies on the end of a mast arm that has a 2-3/8" diameter tenon. Available in both straight and offset configurations.



CAMERA MOUNTINGS

Pelco

Pelco makes adjustable brackets for cameras, sensors and antennas that can mount a variety of traffic industry devices. Video Detection camera brackets are available for mast arm, post top, span wire or side-of-pole applications.



POLES & BASES

Pelco

Pelco offers aluminum, iron, and plastic bases in various sizes as well as poles in aluminum and steel. Pelco's cast aluminum square base is FHWA certified and meets or exceeds AASHTO break-away requirements. Plastic replacement doors offer an economical way to deter vandalism.



COMPONENTS

Pelco

A wide selection of components for traffic hardware.

Housing & Backplates

Polycarbonate and aluminum housings for traffic signals and pedestrian signals.



The standard signal is composed of three polycarbonate LED-ready body sections containing the door and visor. The basic construction design provides minimum weight by maximum rigidity and strength. The housing, door and visor are injection molded of ultraviolet stabilized, pre-colored opaque polycarbonate. It meets or exceeds ITE specifications.



The standard signal is composed of three polycarbonate LED-ready body sections containing the door and visor. The basic construction design provides minimum weight but maximum rigidity and strength. The housing, door and visor are injection molded of ultraviolet stabilized, pre-colored opaque polycarbonate. It meets or exceeds ITE specifications.



The standard signal is composed of three die-cast aluminum LED-ready body sections containing the door and visor. The basic construction design provides minimum weight combined with maximum rigidity and strength. SG Aluminum Signals are available in both 8-inch and 12-inch diameters.



This aluminum pedestrian signal meets or exceeds ITE specifications. Mounting is completely compatible with all standard signal hardware. This housing is designed to accommodate 16-inch LEDs.



This polycarbonate pedestrian signal meets or exceeds ITE specifications. Mounting is completely compatible with all standard signal hardware. This housing is designed to accommodate 16-inch LEDs.



Pedestrian Safety



Improve driver awareness around pedestrian areas. Pedestrian push buttons & Accessible Pedestrian Systems (APS), flashing beacons, and radar speed signs around crosswalks and school zones increase driver awareness and help keep all road users safe.

Crosswalks

ITE-compliant LED traffic signals – including traffic signal modules, omni-directional arrows, and pedestrian signals.

Rectangular Rapid Flashing Beacons – RRFBs


Rectangular Rapid Flashing Beacons (RRFBs) enhance pedestrian safety at mid-block crosswalks. Yielding rates increase by up to 98% when RRFBs are utilized.



The image shows the Carmanah R920-MX Connected Crosswalk Beacon. It features a yellow diamond-shaped pedestrian crossing sign mounted on a black rectangular base. A solar panel is attached to the top of the base. The Carmanah logo, a yellow diamond with a black starburst, is positioned to the left of the sign.

R920-MX Connected Crosswalk Beacon
Carmanah

Boost safety at unsignalized crossings with proven technology, actionable alerts, and street-level data.



The image shows the TrafficCalm Rectangular Rapid Flashing Beacon. It features a yellow diamond-shaped pedestrian crossing sign mounted on a black rectangular base. A solar panel is attached to the top of the base. The TrafficCalm logo, a blue stylized 'T' followed by the word 'TRAFFICCALM', is positioned to the left of the sign.

RECTANGULAR RAPID FLASHING BEACON
TrafficCalm

TrafficCalm® is working with our customers to reduce the number of crashes at mid-block crossings. By using unprecedented LED Flashing Signs and RRFBs, agencies across the world are seeing justifiable gains in pedestrian safety.



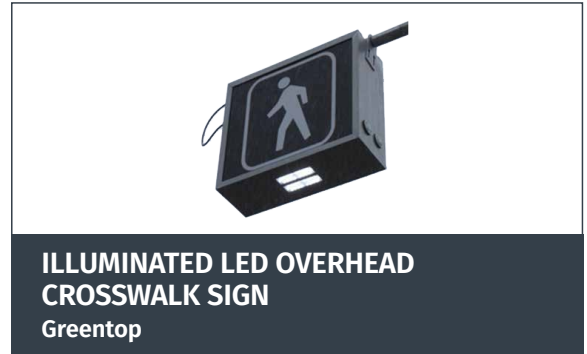
The image shows the AvaLED AV-400 RRFB. It features a yellow diamond-shaped pedestrian crossing sign mounted on a black rectangular base. A satellite dish is attached to the top of the base. The AvaLED logo, the word 'AvaLED' in a stylized font above 'TECHNOLOGIES CORP.', is positioned to the left of the sign.

AV-400 RRFB
AvaLED

A high efficiency, compact, lightweight, and cost effective RRFB with universal mounting capabilities.

Illuminated Overhead Signs

Illuminated overhead signs help alert drivers to mid-block crossings, helping keep road users and pedestrians safe and alert.



Greentop Lighting's internally-illuminated, overhead-mounted pedestrian sign gives drivers advanced warning of crosswalks and pedestrian presence. Because it is double sided, it warns oncoming traffic from both directions. The LED down light further improves pedestrian safety by illuminating the crosswalk. The unique design of the down light prevents dust, insects and moisture from the entire sign box.

Pedestrian Push Button & APS

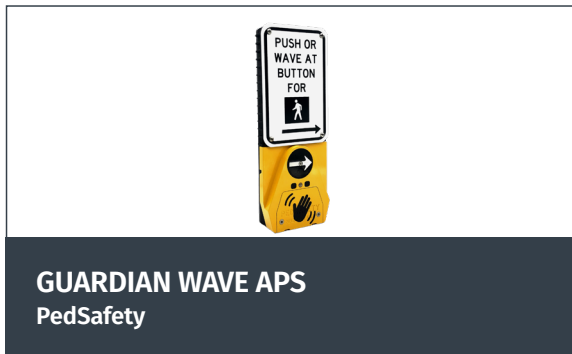
Accessible Pedestrian Signals (APS) are designed to enhance the safety of visually impaired pedestrians at intersections.



PedSafety



The Guardian® is a cabinet-free, all-encompassing APS solution, renowned for its exceptional sound quality, advanced control features, and distinctive ambient gain volume control system. It incorporates essential accessibility features, including extended press options, vibrotactile walk cues, and the choice of optional clearance phase indicators.



The Guardian® Wave is a cabinet-free, touchless, all-encompassing APS solution, renowned for its exceptional sound quality, advanced control features, and distinctive ambient gain volume control system. It incorporates essential accessibility features, including extended press options, vibrotactile walk cues, and the choice of optional clearance phase indicators.



The Guardian® Mini is a comprehensive APS solution packed into a compact and user-friendly package. It incorporates all the essential features of a standard accessible pedestrian signal, including audible, visual, and tactile cues.



WIRELESS ADVANCED APS
PedSafety

The WiAAPS® is a networked 2-wire APS that utilizes the 2 existing field wires that are commonly used for pedestrian push buttons to power each Wireless Accessible Pedestrian Button (WiAPB). Should there be no existing field wires, your conduit is crushed, or you have no room to fit more wires in your conduit, WiAAPS® can draw power from the pedestrian signal heads through SPI to have a true 0-wire system where no wires run back to the cabinet. Like our other APS devices, the WiAPBs provide pedestrians with audible, visual, and tactile cues, as well as extended press and clearance phase indicator options.



AUDIBLE BEACON DEVICE
PedSafety

The Audible Beacon Device (ABD) is an innovative product designed to enhance the safety of visually impaired pedestrians at intersections. The ABD emits a distinct and percussive locator tone, to aid pedestrians in the final two-thirds of the crosswalk during the pedestrian change interval. The ABD is mounted either on the pedestrian signal head at the destination end of the crosswalk or to a pole at a height of 7-10 feet to meet MUTCD regulations. In addition to being able to provide destination beaconing to pedestrians, the ABD serves as an extension to standalone independent APS devices.



4EVR® MOAB WAVE
PedSafety

The 4EVR® MOAB Wave is the newest form of pedestrian push button, no longer do you have to touch a button that countless others have touched. Like the 4EVR® MOAB, the 4EVR® MOAB upholds its reputation as the market's most rugged button. What distinguishes 4EVR® MOAB Wave from other buttons is the inclusion of our wave touchless technology allowing calls to be placed with the wave of a hand. A call is detected by an active infrared sensor as infrared light precisely reflects off the hand, ensuring calls are initiated only when intended.



WIRELESS ADVANCED APS WAVE
PedSafety

The WiAAPS® Wave is a networked 2-wire APS that utilizes the 2 existing field wires that are commonly used for pedestrian push buttons to power each Wireless Accessible Pedestrian Button (WiAPB). Should there be no existing field wires, your conduit is crushed, or you have no room to fit more wires in your conduit, the WiAAPS® Wave can draw power from the Pedestrian Signal Heads through SPI to have a true 0-wire system where no wires run back to the cabinet. Like our other APS devices, the WiAPBs provide pedestrians with audible, visual, and tactile cues, as well as extended press and clearance phase indicator options.



4EVR® MOAB
PedSafety

The 4EVR® MOAB (Mother of All Buttons) is the ultimate push button for simplicity, durability, and reliability. The 4EVR® MOAB, a step up from the Series Mechanical Push Button, is crafted from solid-stock aluminum featuring pressure-sensitive actuation and engineered without any moving parts rendering it impervious to vandalism, impact, extreme weather, and neglect. Precision-constructed and intentionally simplified, this essential device guarantees a seamless experience for pedestrians.



MECHANICAL PUSH BUTTON
PedSafety

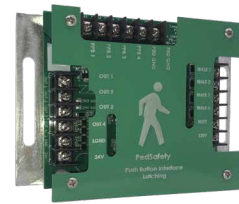
The Series Mechanical Push Button is our most user-friendly pedestrian push button designed with simplicity in mind. The button is easy to install and offers customization options for both color and finish, as well as shape, ensuring versatility and adaptability to diverse urban landscapes.



NXTCYCLE WAVE

PedSafety

The nextCycle Wave is an entirely touchless cyclist push button. Meticulously engineered with cyclists in mind, cyclists will no longer have to dismount and leave the bike lane to place a call. This innovative product is all about redefining convenience and safety by placing the button at an optimal height within the bike lanes, enabling cyclists to place a call without interacting with pedestrians or vehicles. The top of the station doubles as a handle allowing cyclists to balance and steady themselves while they wait for a crossing indication. Moreover, its robust construction guarantees longevity, even in the most demanding environments.



PBI-L PUSH BUTTON INTERFACE

PedSafety

Latching LED Isolator Interfaces, allow PedSafety pedestrian and cyclist push buttons with LEDs to be configured in a latching LED mode. Through the integration of the PBI-L, our system ensures that the LED on your product remains illuminated until the pedestrian signal head displays the walk signal. For scenarios where there is no available space in the card rack our PBI-L offers a hardwired solution. The PBI-L manages up to four phases and 16 pedestrian or cyclist buttons.



PBIC-24 PUSH BUTTON INTERFACE

PedSafety

Latching LED Isolator Interfaces, allow PedSafety pedestrian and cyclist push buttons with LEDs to be configured in a latching LED mode. Through the integration of the PBIC, our system ensures that the LED on your product remains illuminated until the pedestrian signal head displays the walk signal. Our PBIC-24 is designed to seamlessly integrate into a 24V detector rack within the traffic control cabinet. The PBIC-24 manages up to four phases and 16 pedestrian or cyclist buttons.



PBIC-120 PUSH BUTTON INTERFACE

PedSafety

Latching LED Isolator Interfaces, allow PedSafety pedestrian and cyclist push buttons with LEDs to be configured in a latching LED mode. Through the integration of the PBIC, our system ensures that the LED on your product remains illuminated until the pedestrian signal head displays the walk signal. Our PBIC-120 is designed to seamlessly integrate into a 120V detector rack within the traffic control cabinet. The PBIC-120 manages up to four phases and 16 pedestrian or cyclist buttons.

School Zone Beacons

Carmanah's MX Series school zone beacons take the guesswork out of school zone speeds, flashing only when reduced speeds are in effect.

Easily manage your system settings and schedules locally or remotely, and enable email and text alerts so you can have immediate awareness of critical safety issues.

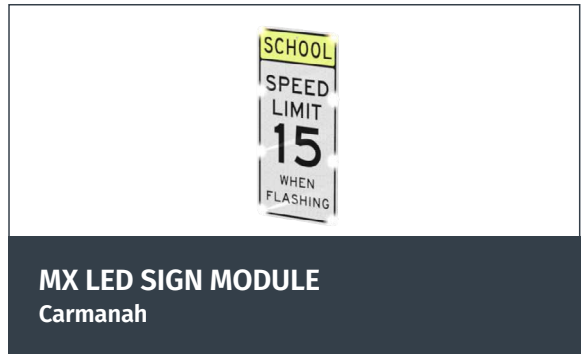


Carmanah R829-MX

You can custom build your R829-MX School Zone Flashing Beacon using the builder tool available on our website.



8" or 12" LED modules in yellow or black polycarbonate or aluminum housing. Can be single, dual, or triple mounted.



High Intensity Prismatic or Diamond Grade retroreflective sheeting on a 24 x 48" sign. Can be single or dual mounted.



15W Integrated solar power module. Can be top or side-mounted.



30W or 50W Integrated solar power module. Can be top or side-mounted.



50, 80, or 170W Separate solar panel + battery cabinet power module with AC power. 18, 55, or 55 Ah battery.



35, 55, or 100W Separate solar panel + battery cabinet power module with AC power. 35, 55, or 100 Ah battery.

Intelligent Access Control



Smart access and parking solutions. Barriers, gates, access control readers, and more.

- **Enhanced security:** Control who has access to your facility.
- **Automation:** Smart systems can ensure automated access control.
- **Information:** Track visitors' access and monitor trends.

Access Control Barriers

High quality vehicle barriers with strategic designs, innovative drive technology, and extreme durability.



On factory grounds, in underground car parks and for numerous other applications – the Access series from Magnetic offers complete cost-optimized solutions. The barriers principally impress through their high level of functionality and their well-thought-out, robust construction. They offer trouble-free operation and simple maintenance – and thus a service life of up to 10 million cycles.



ACCESS BARRIERS
Magnetic

Versatile cost-optimised solutions for controlling access to public spaces, company grounds and numerous other applications. Available in a range of sizes and opening speeds.



PARKING PRO BARRIERS
Magnetic

Rapid barriers with opening and closing times of down to 1.3 seconds, especially designed for highly frequented entrances to car parks and parking spaces with separate pedestrian paths.



TOLL BARRIERS
Magnetic

Extremely fast, extensively configurable barriers for efficient toll processing at bridges, tunnels and on roads.



BARRIER BOOMS
Magnetic

We offer a wide variety of barrier booms and equipping variants for the optimum function and visibility of Magnetic-barrier systems. Options include LED illumination, skirts & climb-over prevention, folding & articulated booms.

Smart Access Solutions

Vehicle access and identification solutions for use with gates, high speed roll up doors, gated communities, parking lots, road tolls, car washes, and more.

TagMaster

North America, Inc.



LR-6XL 2.45 GHZ READER
TagMaster

The TagMaster LR-6 XL RFID Reader is ideal for applications with large vehicles and wide gates, where really long reading range is required. With it's "all-in-one" design, including integrated antenna, the LR-6 XL is certified for outdoor use and is easy to install and easy to use.



LR-6 2.45 GHZ READER
TagMaster

The TagMaster LR-6 Reader is optimised for vehicle access that requires hands-free long-range identification up to 10 meters. With it's "all-in-one" design, including integrated antenna and controller unit, the LR-6 is certified for outdoor use and is easy to install and easy to use. The built-in controller makes it possible to integrate the LR-6 reader with other products like cameras, barriers, inductive loop detectors etc.



MARKTAG OUTDOOR 2.45 GHZ TAG
TagMaster

The MarkTag Outdoor is a long-time proven outdoor choice for vehicle identification and access control. The tag is specially designed for outdoor environments and can be placed in any location matching the requirements of the application.



MARKTAG CLASSIC 2.45 GHZ TAG
TagMaster

The MarkTag Classic is a long-time proven high-end choice for vehicle identification within parking and access control. Easy to use, highly reliable, can be read from both sides, and is licence-free worldwide as it is using the 2.45GHz frequency band. The tag is placed behind the windshield using an easily installed WinFix.



XT-1, EU/US UHF RAIN (EPC GEN 2) READER
TagMaster

The XT-1 can be integrated into your existing access control and facility management software, to create a total solution designed to meet your unique needs. The XT-1 Reader integrates with all leading access solution providers without any additional protocol converters.

TagMaster's XT-1 Reader can also be implemented as a standalone solution for barriers, doors and gates, for a low cost. All TagMaster RFID readers have a built-in database. Users can deploy a whitelist to the Reader so that the reader will operate the barriers when a valid card (tag) is displayed.



**XT-5, EU/US UHF RAIN (EPC GEN 2)
READER**
TagMaster

The reader is easy to set up and install and is designed for outdoor use. As all TagMaster readers, it supports all major interfaces and communication protocols. The XT-5 is TagMaster's most advanced Long Range Reader to this date and has an advanced radio design with high output power. It has a high-performance processor running Linux and supports Software Development Kit.



HEADLIGHT TAG UHF RAIN (EPC GEN 2)
TagMaster

Headlight Tag with adhesive, designed for permanent headlight mounting on cars with metalized windshield. TagMaster Headlight Tag provides a cost-effective long-range identification of vehicles. The Headlight Tags are designed to be used with TagMaster Long Range RFID Readers for access control and automatic vehicle identification applications.



WINDSHIELD TAG UHF RAIN (EPC GEN 2)
TagMaster

A tag with adhesive designed for permanent, tamper proof windshield mounting. TagMaster UHF Windshield Tag provides a cost-effective long-range identification of vehicles for parking applications. The Windshield Tags are designed to be used with TagMaster Long Range RFID Readers for access control and automatic vehicle identification applications. Applications include vehicle access to car parks, gated communities and offices.



ISO CARD UHF RAIN (EPC GEN 2)
TagMaster

A flexible and versatile card designed for vehicle access control. The capability to provide access control for people when they are in a vehicle offers huge benefits in numerous situations. Being able to achieve this using the same electronic ID card offers easier management and reduces cost. The ISO Card is a battery-free UHF read only card, suitable for long-range applications. The ISO Card is particularly suitable when a single card should be used together with an access control system for vehicle identification.



ISO COMBI CARD UHF RAIN (EPC GEN 2)
TagMaster

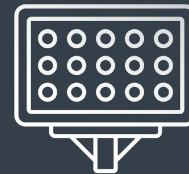
The ISO Combi card is a combination of UHF technology and proximity technology (MIFARE), which allows the card to be used for both vehicle access to secure parking as well as people access control into securely protected buildings. The ISO Combi Card is a battery-free UHF read only card, suitable for long-range applications. The ISO Combi Card is particularly suitable when a single card should be used for different vehicles, or when the card should also be used together with an access control system for people identification. The card can be read from both sides and is printable on both front and back.



CT45 ANPR CAMERA
TagMaster

This powerful ANPR camera provides the ultimate performance in number plate recognition. Incorporating adjustable motorised lenses with auto focus, Linux based OS, PoE+, integral colour overview and true infra-red plate capture camera giving market leading ANPR accuracy.

Blank Out & LED Signs



Blank Out & LED Signs make navigation easier, increase driver awareness and keep road users safe.

LED Enhanced Signs

LED enhanced signs are a proven and cost-effective method for boosting sign conspicuity, compliance, and safety. When unfavorable conditions hinder drivers from reading standard signs, these flashing LED signs effectively enhance road signs.



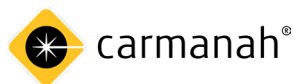
Availed LED Enhanced signs are designed to provide year-round 24-hour operation. Availed offers flashing LED enhanced signs and solar-powered beacons.



The AV-200 will operate in challenging solar conditions including cold temperatures, low sun hours, and partial shading. The compact, self-contained design allows for rapid installation on new or existing round, square, U-channel, or wood sign posts.



The AV-240 is a compact solar powered flashing beacon that improves compliance to Regulatory and Warning signs, including Stop, Stop Ahead, Signal Ahead, Curve Ahead, Intersection, and Pedestrian Signs.



Carmanah's MX Series LED enhanced signs combine the same high-intensity LEDs used in their best-selling RRFBs with secure, reliable embedded connectivity, providing easy remote asset management and system alerts.



Carmanah's MX Series LED enhanced signs combine the same high-intensity LEDs used in their best-selling rectangular rapid flashing beacons (RRFBs) with secure, reliable embedded connectivity, providing easy remote asset management and system alerts.



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MX SERIES STOP OR WARNING SYSTEM - SPEED LIMIT
Carmanah

Carmanah's MX Series LED enhanced signs combine the same high-intensity LEDs used in their best-selling rectangular rapid flashing beacons (RRFBs) with secure, reliable embedded connectivity, providing easy remote asset management and system alerts.



MX SERIES STOP OR WARNING SYSTEM - CURVE
Carmanah

Carmanah's MX Series LED enhanced signs combine the same high-intensity LEDs used in their best-selling rectangular rapid flashing beacons (RRFBs) with secure, reliable embedded connectivity, providing easy remote asset management and system alerts.



MX SERIES STOP OR WARNING SYSTEM - YIELD
Carmanah

Carmanah's MX Series LED enhanced signs combine the same high-intensity LEDs used in their best-selling rectangular rapid flashing beacons (RRFBs) with secure, reliable embedded connectivity, providing easy remote asset management and system alerts.



MX SERIES STOP OR WARNING SYSTEM - WRONG WAY
Carmanah

Carmanah's MX Series LED enhanced signs combine the same high-intensity LEDs used in their best-selling rectangular rapid flashing beacons (RRFBs) with secure, reliable embedded connectivity, providing easy remote asset management and system alerts.



MX SERIES STOP OR WARNING SYSTEM - NO TURN
Carmanah

Carmanah's MX Series LED enhanced signs combine the same high-intensity LEDs used in their best-selling rectangular rapid flashing beacons (RRFBs) with secure, reliable embedded connectivity, providing easy remote asset management and system alerts.



MX SERIES STOP OR WARNING SYSTEM - DO NOT ENTER
Carmanah

Carmanah's MX Series LED enhanced signs combine the same high-intensity LEDs used in their best-selling rectangular rapid flashing beacons (RRFBs) with secure, reliable embedded connectivity, providing easy remote asset management and system alerts.

TraffiCalm flashing LED Signs are designed to grab attention, day and night. Your community's safety matters, and visibility is the first step. Retrofit an existing sign or build a new installation. TraffiCalm has options for basic, standalone signs and intelligent, connected systems.



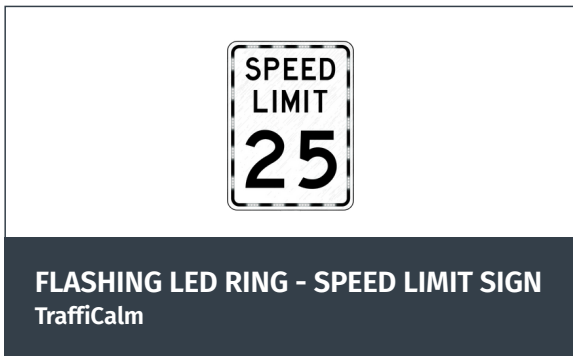
Simple and affordable - retrofit an existing sign with a flashing LED ring. These have solar or AC power options and can be motion activated or always on. Size and shape options are available for almost any size of sign.



Designed to LED enhance any existing or new R1-2 YIELD sign. Engineered to provide ease of installation, unmistakable visibility under any conditions, and intuitive driver calming beyond that of just reflective sheeting.



Designed to enhance existing road signage as part of a TraffiCalm® Curve Warning System with Sequencing Chevrons.



Designed to LED enhance any existing or new R2-1 Regulatory Speed Limit Sign. Flashing Speed Limit Signs can flash 24/7 or, when equipped with radar sensors, can flash when vehicles exceed the posted speed limit. Both options typically slow speeding drivers.



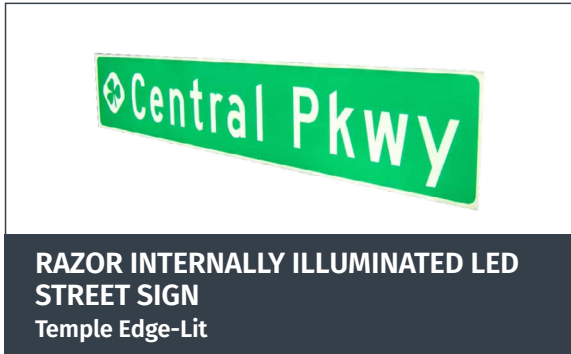
Designed to LED enhance any existing or new R1-1 STOP Sign. Engineered to provide ease of installation, unmistakable visibility under any conditions, and intuitive driver calming beyond that of just reflective sheeting.

LED Street Name Signs

Internally-Illuminated LED Street Name Signs greatly enhance overall visibility in any conditions and at any time of day. Provide road users with advance warning and make streets more aesthetically appealing.



TEMPLE EDGE-LIT



A single or double sided sign only 1.6" wide.



Features a flip-down door for easy access to LED panels & sign face.

LED Signs

Orange Traffic offers an array of standard LED panels and several messages can be combined in a single panel. Thanks to their modular design, these panels are easily adaptable to your requirements.



LED INTERMITTENT RAILROAD CROSSING SIGN
Orange Traffic

Intermittent railroad crossing signs are used to indicate that certain manoeuvres are allowed or forbidden when a train is travelling in an intersection or at a level crossing. They are highly visible and can be used to forbid manoeuvres in certain situations and can therefore ensure optimal traffic flow and direct road users during the passing of trains through simple and easy-to-read messages.



VARIABLE SPEED LIMIT SIGN
Orange Traffic

Displaying clear speed limits near school zones is crucial to ensure the safety of schoolchildren while maintaining smooth traffic flow. Orange Traffic therefore designed a variable speed limit sign equipped with dual yellow flashing lights specifically for use in school zones.



OPEN/CLOSED – LED LANE CONTROL SIGN
Orange Traffic

LED signs specially designed for road use. Orange Traffic's OPEN/CLOSED LED road signs are designed to indicate whether a roadway, for example a weigh station or a stretch of road, is accessible or not.



LED CUSTOMIZABLE ROAD SIGN
Orange Traffic

Orange Traffic's LED road signs enable you to post clear customized messages or pictograms.



ADVANCE TRAFFIC LIGHT WARNING ROAD SIGN
Orange Traffic

"(RED) SIGNAL AHEAD" advance warning signs warn road users of upcoming traffic lights and also indicate when the light is about to turn red—enabling users of the road to prepare to stop their vehicles.



BLANK OUT LANE CONTROL SIGN
Orange Traffic

Orange Traffic's lane control signs are designed to clearly indicate to road users which lanes they must take. They can be used to reinforce a permanent message or to change lane use depending on the time of day or traffic conditions. The goal is to ensure optimal traffic flow and efficient road use.



LED BLANK OUT SIGN
Orange Traffic

Orange Traffic's intermittent road signs are designed to clearly indicate authorized vehicle manoeuvres at intersections and on roadways. For example, they can be used to remind road users that left turns are forbidden. The sign is lit according to conditions and times to quickly indicate to road users if they are allowed to turn or not and thus avoid the confusion that can stem from indicating when turns are forbidden on the same sign or a separate sign.



LIT LED ROAD SIGNS
Orange Traffic

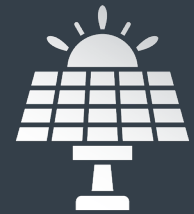
Orange Traffic's lit LED road signs are designed to convey clear and context-based messages at strategic locations in the road network. These panels can serve to issue location-specific safety messages (e.g., use of reserved lanes or turning restrictions according to intersection configurations). Messages can be displayed permanently or activated in keeping with conditions, intersection timings or predetermined schedules.



LED BLANK OUT SIGN – NO PARKING
Orange Traffic

LED No Parking Signs ensure an equitable use of roadways according to users' needs and the configuration of traffic lanes.

Lighting



Keep public spaces safe, accessible, and sustainable. We offer solar lighting and LED retrofit options for every application.

Solar Lighting

Solar bollards & luminaries help communities make their public spaces safe, accessible, and sustainable. We have solar options for every application.

Verified Sustainable Solutions Program

ATS Traffic works with municipalities across Canada to design and implement sustainable, solar-powered solutions to promote mobility for vulnerable road users and active transportation.

ATS Traffic is fully committed to meeting our customers' environmental requirements by spearheading new industry standards that ensures a clean and healthy environment for all. We believe it is both good business practice and our duty to protect the natural resources of the communities we serve. In keeping up with this belief, it is our policy to conduct business in an environmentally responsible manner that protects the public, our employees, and sub-contractors.



ATS Traffic uses only the highest quality, responsibly-sourced materials in our manufacturing processes. We are also committed to upholding high requirements as it relates to environmental sustainability when it comes to procurement and manufacturing. The ATS Traffic Sustainability Committee is responsible for the annual review of Green Products. Upon completion of this review, new products or categories may be targeted for inclusion in Green Purchasing initiatives.



IPL SOLAR ARCHITECTURAL LIGHT SERIES
First Light Technologies

Asymmetrical rectilinear design smartly complements modern outdoor spaces and provides wide area light. Ideal applications: Pedestrian pathways, bike pathways, playgrounds, parks, campuses, transit stations and more.



SCL SOLAR AREA LIGHT SERIES
First Light Technologies

Architectural shoe box style design fixture that provides wide area light for a host of commercial and pedestrian scale lighting applications. Ideal applications: Pedestrian pathways, multi-use trails, bikeways, sidewalks, playgrounds, parks, campuses, bus stops, mailboxes, perimeter, area security and more.



The SCL2 is a high output commercial solar lighting luminaire in a shoe box style that is the most compact solar fixture ever made for wide area lighting and parking lot applications. Ideal applications: Parking lots, site and area lighting, perimeter security, residential streets and more.



The BFL is the brightest light available. The self-contained, unobtrusive solar engine integrates solar power, battery and adaptive control capabilities into a compact and simple form. Ideal applications: Local and collector streets, parking lots, security lighting, plazas, parks, campuses and pedestrian pathways.



Contemporary style bollard with downward, full cut-off lighting for effective ground level illumination. Ideal applications: pedestrian pathways, parks, retail storefronts, schools, traffic control, and more.



Contemporary style bollard with downward, full cut-off lighting for effective ground level illumination. Ideal applications: pedestrian pathways, parks, retail storefronts, schools, traffic control, and more.



Familiar louvered design and highly visible, unshielded fixture that adds broad, ambient lighting to any location. Ideal applications: Wayfinding/delineation applications, pedestrian pathways, parks, retail storefronts, schools, traffic control, and more.

LED Retrofits

Retrofits are intended to upgrade current fixtures to LED technology. Installation is designed to be simple and efficient using existing hardware, requiring zero on-site drilling or fabrication.

- Increased energy efficiency
- Reduced operating & maintenance costs
- Saves original light fixture investment
- Improved security
- Less light pollution



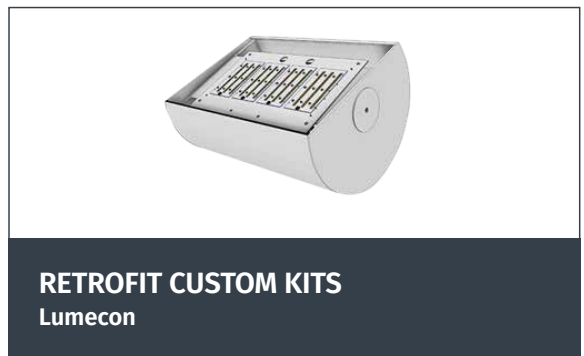
The L-RETRO-DG LED Decorative Globe kit is our most popular and economic way to upgrade existing HID luminaries to LED.



The L-RETRO-T LED Teardrop Kit is available in three output versions, and proves to be the perfect LED conversion solution for your next teardrop project.



The L-RETRO-C LED Carriage Kit is the perfect solution to upgrade existing carriage post-tops. Keep the classic look while saving energy and investment.



The Lumecon Retrofit process includes completely drawing the entire fixture in CAD and developing a custom kit with the advantage of reusing existing boss heads for attachment and heat sinking.



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