



Pioneer in Road Traffic Solutions since 1968



ISO 9001:2008, Quality Management System Certificate No. 5493

# Company Profile & Brief Product Preview





# About us

**Envoys Electronics** was established in 1968 by our Chairman Mr. Mahendra Singh Kohli former member of the IS Panel which formulated IS Standard Specifications for Road Traffic Signals in 1974, and achieved credible performance in the field and earned a reputed place in the industry.

**Quality Control** Policy of Envoys Electronics is very much strict and that has enabled us to achieve ISO 9001: 2008. We are manufacturing all our products conforming to the Indian and International standards. Some of our products have EN and IP certifications.

**Four decades of experience** has earned us a reputable place in the industry. We are providing our products and services to more than 15 state govt. departments, several Central govt. undertakings and to numerous clients in private sector including clients associated with infrastructure development.

**Exports to** more than 20 countries throughout the world and it will address about our products and services across the globe.

**Turnkey Projects** are also being undertaken by Envoys for road Traffic Signaling and VMS. We have accomplished a number of projects through out the country including supply and installation of Variable Message Signs (EN 12966 Complied) in various strategic places on Indian Highways (NHAI).

**Tolling:** We have a major market share for the Tolling Sub equipments.

**Test laboratory facilities** to test all our products and especially the optical performance of the LED displays with our Hi-tech equipment like Chromameter and Solar Simulator etc. are available in-house.

## ***Our range of Products***

### **Road Traffic Signals**

- ❖ Traffic Signal Controllers
- ❖ Solar Powered Traffic Signals
- ❖ Traffic Lights & Blinker
- ❖ Count Down Timer
- ❖ Speed Monitoring Radar
- ❖ Traffic Lights Poles / Post

### **LED Display / VMS**

- ❖ Multicolor / True Color VMS
- ❖ Full Matrix/Row Matrix Display
- ❖ Text cum Picto Dual Display
- ❖ Single Color Displays
- ❖ Speed Sign Display

### **Toll Plaza / Parking products**

- ❖ OHLS / Lane control Sign
- ❖ Traffic Light (TL)
- ❖ Fog Light
- ❖ Fare Display (UFD)
- ❖ Poles Height Sensor/CCTV
- ❖ Traffic Light Post
- ❖ Manual Barrier
- ❖ SS Treadle Frame/Support Structure

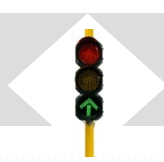
### **Solar Powered products**

- ❖ Solar Powered Street Lights
- ❖ Solar Powered Traffic signal
- ❖ Solar Powered Arrow Chevron
- ❖ Solar Powered Warning Flashers

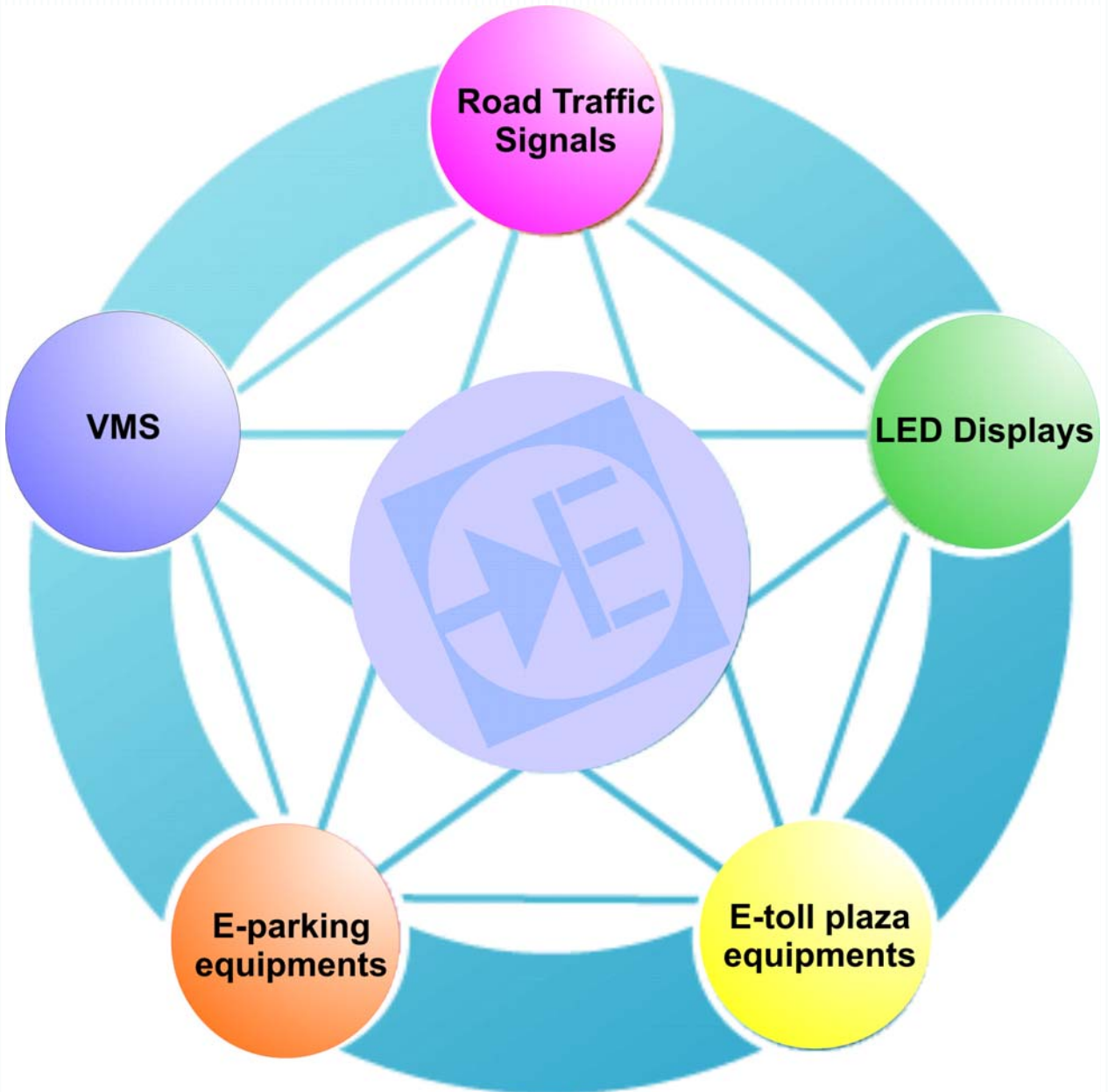


# Achievement

2010	Envoys developed image detection system to integrate with traffic signal controller for vehicle actuation and commercially launched Hi-Flux LED Traffic Lights
2009	Envoys has setup computerized test lab for chromaticity test with solar simulation.
2008	Installed Video wall Type VMS for Delhi Gurgaon Expressway with Remote programming Through GSM modem.
2007	GLOBALIZATION OF ENVOYS & achieved ISO 9001: 2000 certification
2005	Entered in Turnkey projects for supply / installation of various equipments/parts for TOLL PLAZAS & Parking Industries
2003	Developed Indigenous LED message display /fare display for Toll Plazas & National Highways.
2001	Completed development of solar power traffic signals & installed for NHAI
1999	Developed LED BASED signs & signals for road.
1998	Completed the development of Microcontroller based traffic controller having communication facility with PC compatibility EMTC -04
1996	Completed the development of the Actuated traffic signal controller and commenced production using micro processor controller
1996	Completed development of cable less synchronized traffic control signal for green wave synchronized corridor and installed at KANPUR - UP
1995	Obtained import / export License.
1991	Completed development of micro processor based 8085 circuitry Traffic Control system and commenced production.
1985	Installed synchronized traffic signals in Amritsar GT Road - Punjab
1982	Completed the development for domestic production of vehicle actuated traffic control system first in INDIA
1981	ENVOYS were selected to be most competent to provide technical know-how to KELTRON a subsidiary of Kerala Government for ASIAD GAMES.
1974	Selected as member of IS panel for finalizing specs of traffic signals for INDIA
1971	Completed the development of serial staggering Automatic traffic signal controller.
1968	ENVOYS ELECTRONICS FOUNDED.



# Business Lines





## Certificate of Quality management Systems

**TRANSPACIFIC CERTIFICATIONS LIMITED**



### Certificate of Registration

This is to certify that  
**Quality Management System**  
of

**ENVOYS ELECTRONICS PVT. LTD.**  
482, Phase-V, Udyog Vihar, Gurgaon-122016, Haryana, INDIA.

complies with the requirements of  
**ISO 9001:2008**

This certificate is valid concerning all activities related to:

**Design, Supply, Installation of Road Traffic Signaling  
and Allied Equipments.**  
ANZSIC Code: C 2859

**Jan. 25, 2010**  
Date of issue

**Jan. 21, 2013**  
Valid until

**5493**  
Certificate No.

  
Managing Director/Director



**TRANSPACIFIC CERTIFICATIONS LIMITED**

Website : [www.transpacificcerts.com](http://www.transpacificcerts.com) E-mail : [info@transpacificcerts.com](mailto:info@transpacificcerts.com)

Accreditation by Joint Accreditation System of Australia and New Zealand, Accreditation No. 8294/001/01

11, London Circuit, Canberra, Act 2688, AUSTRALIA.

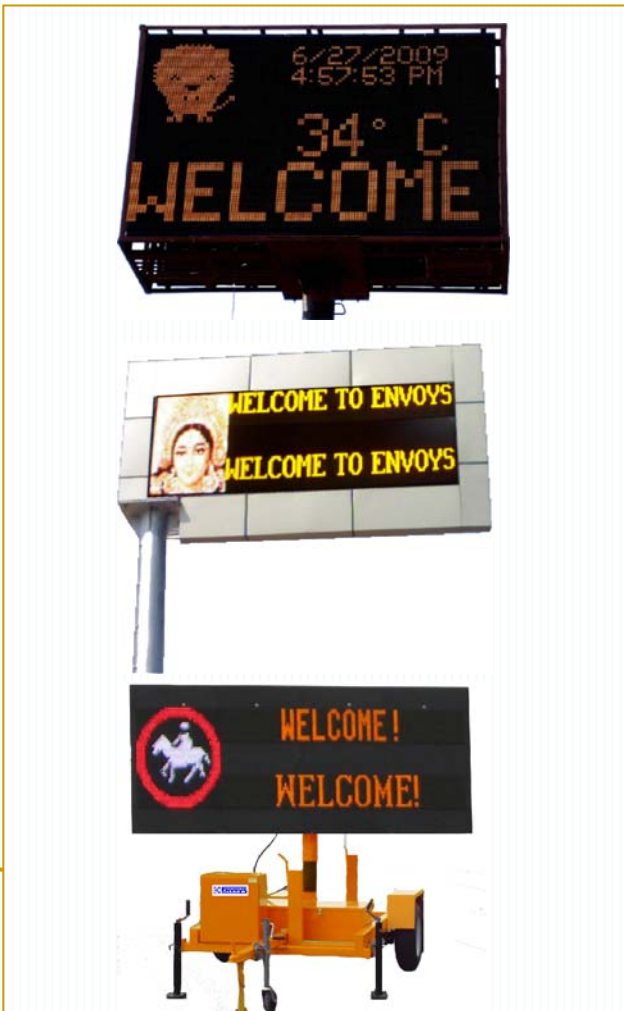
[www.iso-9001.com.au/register](http://www.iso-9001.com.au/register)

\* Loss of fulfillment of conditions set out for the issuance of this certificate and timely completion of periodic surveillance audits may render this certificate invalid.





# A Glance on our Product range





# Traffic Signaling Equipments



## Traffic Controller

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- Pedestrian Actuated (Pelican)
- Fixed Time Isolated
- Multi-program -synchronized & Vehicle Actuated
- 16 Phases and 48 outputs
- Operating power - AC or DC
- Upgradeable with GSM / real time & self-diagnostic - features
- Add On features for Up gradation, that allows to work as centrally controlled with CCTV Surveillance, RED Light Violation etc, using extra peripherals / interface Cards.



## Traffic light

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- 300mm dia (12") Roundel & Arrow displays
- Plastic polycarbonate die cast housing with clear lens
- Uniformly illuminated LED Retrofit Kit with large viewing area
- Low power consumption less than 10 Watts
- Night Dimming-optional
- Designed for uniform light output with longer life
- IP 65 protection for LED kit
- Working Power-220V AC or 12/24V DC
- No chain failure if single LED fails



## Pedestrian light

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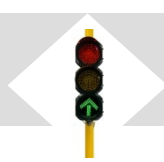
- 300 mm dia man standing/walking LED lights-bright Light
- Low power consumption-less than 5 Watts
- Designed for uniform light output with longer life
- IP65 protection for LED kit
- push button switch for pedestrian operation-optional
- Polycarbonate housing with clear lens.



## Solar Blinker/ Traffic Warning flasher

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- Super bright LED light with in-built blinker
- compact solar panel
- 300mm dia LED kit with IP65 protection
- Vital for critical traffic zones like school,market,hospital etc.
- designed for long life and easy maintenance



## Count down timer

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- Programmable and display in 2, 2 1/2 and 3 digits
- Height of digits from 6" to 15"
- Dual color display
- AC or DC power operation
- Weather proof metal housing with visor
- Small Timer in Plastic housing



## Speed Monitoring Radar

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- shows your speed
- Super bright, long life, dual color LED matrices.
- alerts for exceeding speed limit
- Apt for road zones with severe speed restrictions
- helpful for motorists, public & police administration



## Arrow Chevron

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- LED display in contrast colors and flexible sizes ensure clear visibility.
- Solar Power facilitates installation on remote sites
- Rugged metal housing with ultra bright LED enables easy maintenance and ensures long life
- Vital for strategic locations where motorists are required to take a specified route.



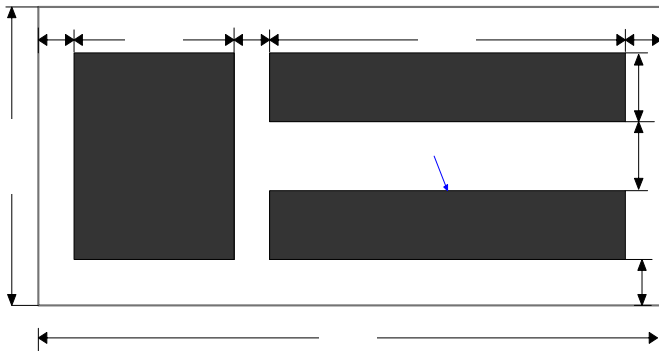


## Variable Message Sign

- Text only, Text with picto (Dual)
- Full Matrix or Row Matrix
- Multi Color/True Color (RGB)/Single color
- High intensity LEDs for bright light output & and long life
- Automatic Luminance control to adjust with ambient light
- Multiple Language, windows based font style and adjustable character height.
- Optional Self diagnostic features for thermal, power & functional

## Variable Message Sign

- Self-diagnostic features for faults
- Communication options via Ethernet, GSM, Fiber Optic etc.
- High resolution matrix
- Pixel Pitch: 16,25,32 mm
- EN 12966 compliance
- IP65 protection for front and IP54 for rear side.
- Mild Steel Cabinet with weather proof powder coating
- In-built controller



## Variable Message Sign

- Text only, Text with picto (Dual)
- Full Matrix or Row Matrix
- Multi Color/True Color (RGB)/Single color
- High intensity LEDs for super bright light output
- Auto Luminance control to adjust with ambient light
- Multiple Language, windows based font style
- Two/Three Lines with adjustable character height.



## Tolling / Parking e-equipments

### Overhead Lane Sign (OHLS)

- Two-in one (Combo) display of cross/arrow signals in 500mm square shape metal body, four line LED matrix for clear visibility.
- Super bright LEDs for display.
- Low power consumption
- Two-in one (Combo) display of cross/arrow signals in 300mm dia round polycarbonate housing.
- 24V DC or 110-260V AC operating power.
- IP 65 protection

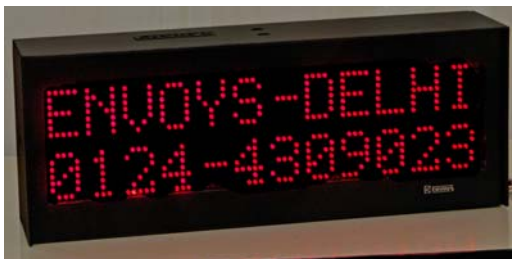


### Toll Lane Light

- 200mm dia LED based Traffic lights mountable on pole.
- Synchronized with lane barrier for entry of vehicles
- Low power consumption and Night dimming.
- IP 65 protection for LED kit
- No chain failure of LEDs.
- High quality polycarbonate clear lenses.
- Available for both AC and DC power version -220VAC,12/24V DC

### Fog Light

- High intensity LED based Lights located on the bull nose of the toll lane island and visible from more than 300 meters in ambient light conditions.
- Flashing feature and adjustable flashing frequency (in-built blinker)
- Centralized Blinker Control Unit for synchronized operation of all the fog lights of the Toll plaza.
- Available in both AC and DC power version.



### User Fare Display

- Dot-matrix type : Compact in size and LED based alpha-numerical display.
- VMS type : Full Matrix, scrolling, flashing, graphics and programmable features
- Super bright LEDs and circuit modules for long life.
- Communication through RS232 serial port
- Pole mountable and can be integrated with the lane light



## Contact Us

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