

HI-TRAC® CYCLE ACTIVE INFORMATION DISPLAY



- DISPLAYS DYNAMIC INFORMATION ALONG CYCLE ROUTES
- USES THE LATEST LOW-POWER LED TECHNOLOGY
- INTEGRATES WITH CYCLE AND PEDESTRIAN MONITORING EQUIPMENT



OVERVIEW

Increased traffic in big cities, combined with high requirements for lowering the pollution level on the environment is forcing a change in transport policy.

The trend to go by bicycle is catching on and is the focus amongst traffic planners and politicians, both determined to promote cycling as a means of transport.

The Cycle Information Display is a way for the city to show cyclists their appreciation for their contribution to a better environment while further motivating the residents towards increasing their use of bicycles. The product is primarily used to show dynamic information, such as the number of passing bicycles per day, month or year. Also comes with room for advertising like sponsors logos, location maps, interactive Google maps, institutional, educational or promotional videos.

KEY FEATURES

 Cycle & Pedestrian Monitoring Unit	 Data Hosting	 Bluetooth MAC Address	 GPRS 2G, 3G & 4G	 Solar Power	 Direction of Travel
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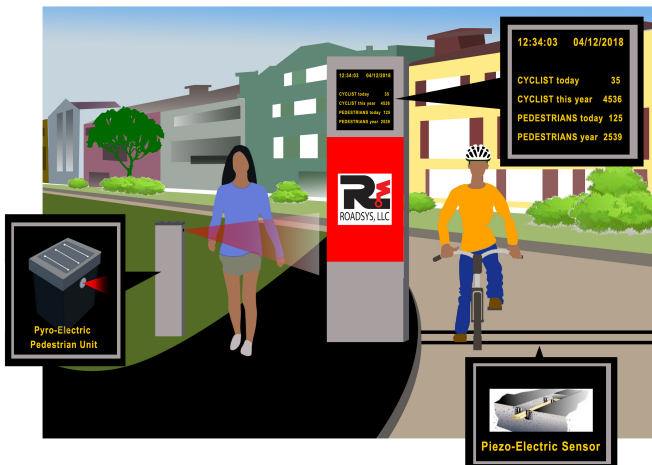
BENEFITS

- Excellent visibility in all weather conditions
- Traffic data memory
- Front panel can be designed with city crest or other logos
- Aluminium body
- Prepared for traffic management

- Promotes healthy way of living
- Plug and play system
- Low energy consumption
- Uses latest LED technology
- Auto dimming

INSTALLATION

- Two Piezo Electric Sensors per cycle lane or mixed traffic lane.
- One Pyroelectric Infra Red Sensor per walkway.
- CMU electronics housed in above ground pillar, post or in a sub-surface chamber.
- Typical installation time – 2 hours.



SOFTWARE

- HI-COMM 100 Compatible
- Data hosting and reporting services
- App for Android for easy set-up and download



TECHNICAL SPECIFICATIONS

INFORMATION PANEL

- 3 alphanumeric lines
- Display of up to 8 characters/line
- Character height 48mm
- Scrolling, blinking and alternating text
- Amber LED

GRAPHIC BAR

- Total resolution 100W
- Net dimensions 1152x32 mm
- Amber LED

MECHANICAL CHARACTERISTICS

- Housing material AlMg3
- Housing color RAL9005
(other colors available upon request)
- Mechanical protection IP54
- Temperature range -30°C to +55°C
- LED protection 4mm antiglare tinted polycarbonate
- Housing dimensions 2200x630x164 mm (HxWxD)

ENERGY CONSUMPTION

- Max consumption 100W
- Typical power consumption 35W

POWER SUPPLY

- 85 - 230 VAC
- 47 - 63Hz

DETECTOR

- HI-TRAC Cycle Monitoring Unit (CMU)
- Loops

OTHER CHARACTERISTICS

- Custom graphics at the top of the housing
(e.g city crest, logos, etc)
- Automated process of data transfer
- Single sided or double sided
- Temperature sensor



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