

# HI-TRAC® CYCLE INTERACTIVE DISPLAY

DYNAMIC, OUTDOOR ACTIVE INFORMATION DISPLAY FOR USE ALONG CYCLE ROUTES



## OVERVIEW

The HI-TRAC® Cycle Interactive Display allows cities and authorities to display dynamic information along bicycle routes. It can be used to show appreciation to cyclists for their contribution to a better environment and motivate residents to cycle more.

Increased traffic in cities as well as mandates to lower pollution levels are driving change in transportation policies. Active transportation has become the focus amongst traffic planners and politicians alike with both determined to promote cycling and walking as alternate modes of transport.

With excellent visibility in all weather conditions and auto-dimming functionality, authorities can:

- Display daily, monthly, or annual statistics such as the number of cyclists or pedestrians
- Communicate safety guidance and advisory information
- Motivate residents to cycle, run, and/or walk more
- Show appreciation to cyclists for their contribution to a better environment

The display's durable aluminum construction is customizable and can be single or double sided with interactive touchscreen displays and the addition of city crests or logos. It employs the latest low-power LED technology and is solar powered.

## BENEFITS

- Display dynamic information and messages along cycle routes
- Integrate with ease to the HI-TRAC® CMU cycle and pedestrian monitoring equipment
- Customize the single- or double-sided display with artwork, maps, city crest, or logo
- Communicate via internal or external GSM/GPRS/2G/3G/4G for data download, diagnostics, and configuration

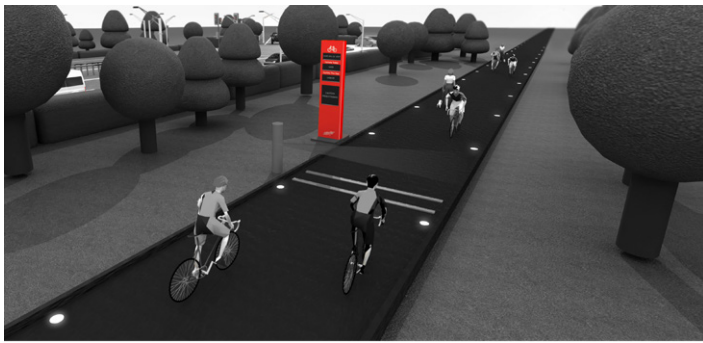


CUSTOMIZABLE  
DISPLAY



PLUG-AND-PLAY  
SYSTEM

Example HI-TRAC® Cycle Interactive Display installation



## ADDITIONAL BENEFITS

- Traffic data memory
- Plug-and-play system
- Low energy consumption
- Auto dimming
- Multiple message sets (data and public alerts)

## OPTIONAL FEATURES

- Single- or double-sided backlit display
- Front panel can incorporate city crests or other logos
- Additional LED display for double sided displays
- 32" LCD touchscreen for direct interaction such as promotional videos, etc.
- Proximity sensor



Example HI-TRAC® Cycle Interactive Displays

## DATA REPORTS & HOSTING

- **Reports:** MS Excel / CSV, Graphs, and TMAS
- **Hosting:** InfoQus, C2 Web, MS2, and Transmetric
- HI-COMM 100 compatible
- Android app for Bluetooth easy set-up and data retrieval
- Data download, analysis, real-time vehicle-by-vehicle (VBV) view, report generation, and diagnostics

## INSTALLATION

The HI-TRAC Cycle Interactive Display can only be integrated with the HI-TRAC CMU cycle and pedestrian monitoring solution.

With an IP65 rating, the durable aluminum body is installed outdoors alongside the cycle or walking path and is solar powered.

## TECHNICAL SPECIFICATIONS

|                             |  |
|-----------------------------|--|
| Enclosure:                  | Fabricated   |
| IP rating:                  | IP65   |
| Vandal / impact resistance: | IK07 with impact sensor which will switch off the display screen for a period of time (plays dead) |
| Protective display screen:  | 6mm glass  |
| Operating temperature:      | -10°C to +40°C (14°F to +104°F)  |
| Operating humidity:         | 10% to 90%   |
| LED tile diameter:          | 2mm round amber on black background  |
| LED matrix:                 | Full matrix<br>96 pixels high x 156 pixels wide  |
| LED pitch:                  | 3.05 mm horizontal and 3.8 mm vertical   |
| Brightness sensing:         | Automatic ambient brightness sensing   |
| Control:                    | Diagnostic facilities including internal temperature and status monitoring and impact detection    |
| Dimensions (H x W):         | 238 x 65 cm (93.7" x 25.6")  |