



Solving traffic timing problems faster than a speeding bullet!

Tools for Every Traffic Engineer

- *Quality-Assured Traffic Signal Coordination*
- *Drafting Arterial Timings Diagrams*
- *Travel Time & Delay Studies (with GPS receiver)*

- Interactive traffic signal coordination
- Signalized networks
- Multiple signal timing plans
- Green bands from x-street left- & right-turn movements
- Green bands from multiple modes of transportation (e.g., cars, buses, light rail, etc.)
- Right- or Left-hand drive rule
- Leading, lagging, & lead-lag protected turn phases
- Double green arrows
- Permitted/protected phases
- Harmonic cycling (2x, 1/2x, 2/3x, 3/2x, 1/3x, 3x, 1/4x, etc.)
- Time-Space, Platoon-Progression, or Time-Location diagrams
- Linkable offsets, timings, & bands
- Eleven offset reference points
- Fixed or variable splits
- Varying speeds along artery
- Acceleration curve on bands from x-street
- Stop, start, continue, taper, or clip green bands
- Start green bands and specific times of day and at specific intervals.
- Optimize cycle length, offsets, & phase sequences
- Fine-tune offsets
- Minimize transition between Timing Plans
- Curved links in the Network View

- Track current position & speed with GPS receiver
- Trip Log trajectories on diagram
- Speed-Distance plots from Trip Logs
- Create Trip Log movies
- Improved Travel Time and Delay Reports with user-defined formulas
- Supports High-Fidelity, Modal Emissions Models! (e.g., CMEM for CO, HC, NO_x, CO₂, etc.)
- Fuel consumption & emissions using second-by-second data
- Compatible with Google Earth and MS Bing Maps
- Easy collection of geographic points
- Customizable Importing of Trip Logs or Geographic Positions
- Import/Export GPX, KML, CSV, TSV, or GIS shapefiles
- Remote control or Voice command control for GPS data collection
- Filter spurious readings from Trip Logs
- Integrates with TEAPAC
- Synchro compatible UTDF files, ver. 2006 or 2.1
- Shows splits, offsets, volumes, etc. directly on diagram
- Timing plan-specific annotations on diagrams or Network View
- Zoom on selected segments
- Agency logos in headers or footers of diagrams and movies
- Timing Reports as .pdf or .html files
- English or metric units
- Many styling options on diagrams
- New styling options for Trip Log Plots

New!

- Customizable Importing of Trip Logs or Geographic Positions!
- Easier Network Setup!
- Multiple Modes of Transportation! (e.g., cars, buses, light rail, etc.)



Order Form



**Quality-Assured
Traffic Signal Coordination**

| Quantity | Product | Description | Price | Total | |
|---|-------------------------------------|--|-------|--------------|--|
| | Tru-Traffic 10.0 (First License) | Software Tools for Every Traffic Engineer, One License | \$995 | | |
| | Tru-Traffic 10.0 (License #2 - #5) | Additional License #2, #3, #4, or #5 to Tru-Traffic 10.0. Discounted pricing applies to additional licenses used at a specific physical site. This price is for each additional license up to the fifth license. | \$550 | | |
| | Tru-Traffic 10.0 (License #6 -) | Additional License #6 or above to Tru-Traffic 10.0. Discounted pricing applies to additional licenses used at a specific physical site. This price is for each additional license after the fifth license. | \$350 | | |
| | Tru-Traffic 10.0 (Upgrade) | Upgrade to Tru-Traffic 10.0 from previous version. This price is for each increment in major version number (e.g., upgrade v8 to v10: 2 × \$195 = \$390) | \$195 | | |
| | Tru-Traffic 10.0 (Evaluation) | Limited-time Evaluation License to Tru-Traffic 10.0 | N/C | | |
| | USGlobalSat BU-353 USB GPS Receiver | GPS Receiver with waterproof casing & magnetic mount, model USGlobalSat BU-353-S4 | \$45 | | |
| | Qstarz BT-Q1000XT | Bluetooth & USB Data Logger GPS Receiver | \$140 | | |
| Delivery Option (check one) <input type="radio"/> Postal. Send me the CD & license and email the license. I'll pay any applicable sales tax in my state. <input type="radio"/> Electronic Only. Don't send the CD, just email the license & I'll download. I may owe no tax this way. | | | | | |
| California customers who either opt for Postal delivery or order a GPS device add Sales Tax. | | | 8.5% | | |
| Shipping. Separate shipping fees apply only to orders that include one or more GPS devices. \$10 for the first GPS device, plus \$4 for each additional GPS device. | | | | | |
| | | | | Total | |

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To place an order payable by check or credit card, please send, fax, or email either

- a Purchase Order
- or —
- the completed Order Form

To order online, please

- visit the web site
www.tru-traffic.com,
- click on *Ordering Information*,
- then *Tru-Traffic Software (online order form)*.

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Comparison of some of the features of the various GPS devices available here.

More details available at <http://www.USGlobalSat.com> and <http://www.qstarz.com>.

| GPS Device | USGlobalSat BU-353-S4 USB GPS Receiver | Qstarz BT-Q1000XT Bluetooth Data Logger GPS Receiver |
|--|--|---|
| Mounting options | Includes waterproof casing, roof magnetic mount, suction cup, & 5' USB cable for clear view of the sky | Sits on your dashboard |
| Operates with Tru-Traffic as basic GPS receiver (i.e., "GPS mouse") | Yes | Yes |
| Logs GPS trips for later download | No | Yes |
| Logging capacity | (none) | ~400,000 points ¹ |
| Power options | USB cable, plugged into laptop | Replaceable Li-ion batteries rechargeable with USB cable or 12VDC car charger (both included) |
| Battery life | N/A | 40 hours |
| Connection type | USB | Both USB (downloading trips) and Bluetooth (connecting to Tru-Traffic) |
| Windows 10 Compatible | Yes, but you may need to download the driver separately. You can use the USB-to-Serial standard driver from Prolific | Yes |

¹Depending on how this GPS data logger is configured, this should store at least 40 hours of trip data.