



---

## Ultra Portable Traffic Management System™ (UPTMS™)

### Rethinking Traffic Management

Throughout the United States and around the world, traffic signals have become fundamental parts of modern society. Although advancements in technology have made traditional traffic signals more useful and reliable, they lack portability, efficiency, and versatility. Introducing The Ultra Portable Traffic Management System™ (UPTMS™) developed by Holase Incorporated. The UPTMS™ offers its users advanced traffic management solutions to be used for temporary deployments and permanent installations. These deployment scenarios include – road construction projects (work zones), power outages, traffic accidents, town/city events, etc...

#### Power Outages

Every year, residents in small towns and big cities alike suffer from power outages. Widespread power outages may take several hours, days, or even weeks before power is restored. During these times, traditional traffic signals that control busy intersections are left 'dark' resulting in driver confusion, accidents, and even fatalities. Holase's UPTMS™ offer an ideal temporary solution to maintain order and conformity at 'dark' intersections until power is restored. The unique portability of the UPTMS™ allows a full system to be stored in the beds of public utility trucks, trunks of police cruisers and First Responder vehicles. Once the solution is needed, it can be deployed rapidly and become operational in minutes. Additionally, intersections that could be outfitted with permanently installed UPTMS™ units would never become 'dark' during widespread power outages.

#### Traffic Accidents

In the United States, there are over 10 million automobile accidents annually. Accidents on roadways disrupt traffic flow, and force First Responders to risk their lives manually managing traffic during these emergencies. Holase's award winning UPTMS™ offers First Responders the ability to manage traffic and lane closures automatically at the scene of an accident allowing them to focus on the emergency instead of performing traffic control. Police officers' cruisers that are outfitted with the UPTMS™ would have the distinct advantage of securing the accident scene immediately upon arrival. Holase's solutions are extremely versatile and offer unique and revolutionary features to meet the needs of any emergency condition. These innovative features include programmable traffic patterns such as directional arrows and programmable lighting conditions such as strobe or blinking light making the UPTMS™ visible from long distances, and thus, alerting oncoming drivers.

#### Construction Projects

Often times, construction projects interfere with traffic patterns on busy roads, bridges, and intersections. While construction is carried out, traffic needs to continue to flow through these work zones. Traditionally, Flagmen holding slow/stop paddles communicating via radio have manually managed traffic. Every day, Flagmen working to manage traffic flow suffer injuries and deaths due to careless or distracted drivers. Holase's award winning and patent pending UPTMS™ create a safe environment for Flagmen to perform their duties by allowing them to manage traffic from a distance. Additionally, the UPTMS™ come equipped with the intelligence to manage traffic automatically allowing traditional Flagmen to work as part of the crew performing more important job duties out of harm's way.

**The UPTMS™ is more cost effective and has more standard features than the competitors offer!**

Customers around the world are choosing Holase over other companies to complement their efforts and make their jobs safer, protect the lives of their drivers, and maintain safe traffic flow during emergencies. See for yourself why Holase's UPTMS™ is becoming the standard choice over competing solutions...

**UPTMS™ Awards**

- 2009 NHHTC Product of the Year
- 2010 Innovations Rocks
- 2010 MHT One of Top 5 Companies
- 2011 Green Launching Pad  
(U.S. Department of Energy Grant)



	Holase	Horizon Signal	Ver-Mac	No. America Traffic
<b>Model</b>	<b>UPTMS-102</b>	<b>SQ-2</b>	<b>TLD-1000</b>	<b>TTS 3.7</b>
<b>Deployment Maneuverability</b>	<b>Easy</b>	Cumbersome	Cumbersome	Cumbersome
<b>Unit Weight</b>	<b>45 Lbs</b>	More than 250 Lbs	More than 250 Lbs	More than 250 Lbs
<b>Unit Travel Size (L x W x H)</b>	<b>15" x 9" x 42"</b>	31 x 25.5 x 61.5	41 x 26 x 81	41 x 23 x 80
<b>Unit Volume (In Storage)</b>	<b>5,670 In<sup>3</sup></b>	48,616 In <sup>3</sup>	86,346 In <sup>3</sup>	75,440 In <sup>3</sup>
<b>Rapid Transport Method</b>	<b>Car Trunk</b>	Requires Trailer	Requires Trailer	Requires Trailer
<b>Time to set-up</b>	<b>Quick</b>	Moderate/Long	Moderate/Long	Moderate/Long
<b>Max Wireless Distance Apart</b>	<b>3 Miles</b>	1 Mile - line of sight	1 Mile - line of sight	2 Miles - line of sight
<b>Battery Voltage</b>	<b>4 Volts</b>	12 Volts	12 Volts (2 x 6 Volts)	12 Volts
<b>Continuous Day and Night Use</b>	<b>60 hrs+</b>	100 hrs	100 hrs	48 hrs
<b>Deployment Mounting Options</b>	<b>Yes</b>	No	No	No
<b>Solar Power Enabled (Option)</b>	<b>Yes</b>	No	Yes	No
<b>Program Unit w/ Remote Control</b>	<b>Yes</b>	No	No	No
<b>Distributed Intelligence</b>	<b>Yes</b>	No	No	No
<b>Automatic Light Brightness</b>	<b>Yes</b>	No	No	No
<b>Programmable Traffic Patterns</b>	<b>Yes</b>	No	No	No
<b>Emergency Alert Mode</b>	<b>Yes</b>	No	No	No
<b>Secure Wireless RF Preempt Mode</b>	<b>Yes</b>	No	No	No
<b>Wirelessly Update Software</b>	<b>Yes (Securely)</b>	No	No	No
<b>Scalable Network Deployment</b>	<b>Yes</b>	No	No	No
<b>Required Monthly Maintenance</b>	<b>None</b>	Grease Trolley Wheels and Refill Battery Fluid		
<b>Manufacturer's Limited Warranty</b>	<b>3 Yrs elec./1 Yr bat.</b>	1 Year for electronics - 6 months for batteries		
<b>Cost of Tow Trailer &amp; Ownership</b>	<b>\$0.00</b>	<b>~\$6,500 for trailer + Insurance + Registration + Repairs</b>		
<b>Investment in a 2-Way System</b>	<b>\$11,995</b>	<b>\$15,000 base units + remote control + chargers + antenna...</b>		

The UPTMS™, developed by Holase Incorporated, offers its customers superior portability, unparalleled performance, and innovative programmable features at a more affordable price than other portable traffic management systems. Please contact us by telephone at 603.397.0038 or by email at sales@holase.com to learn about how your department, organization, town, or city will benefit from investing in the cost effective UPTMS™.

2012 © Copyright, All Rights Reserved, Holase Incorporated

Holase™, Ultra Portable Traffic Management System™, UPTMS™, eLuminat™, Never Dark Street Lights™, NDSL™, and VisibilEDy™ are trademarks of Holase.

Holase Incorporated • P.O. Box 525 • Newmarket • NH 03857  
 Phone: 603.397.0038 • Fax: 800.536.4494 • www.holase.com