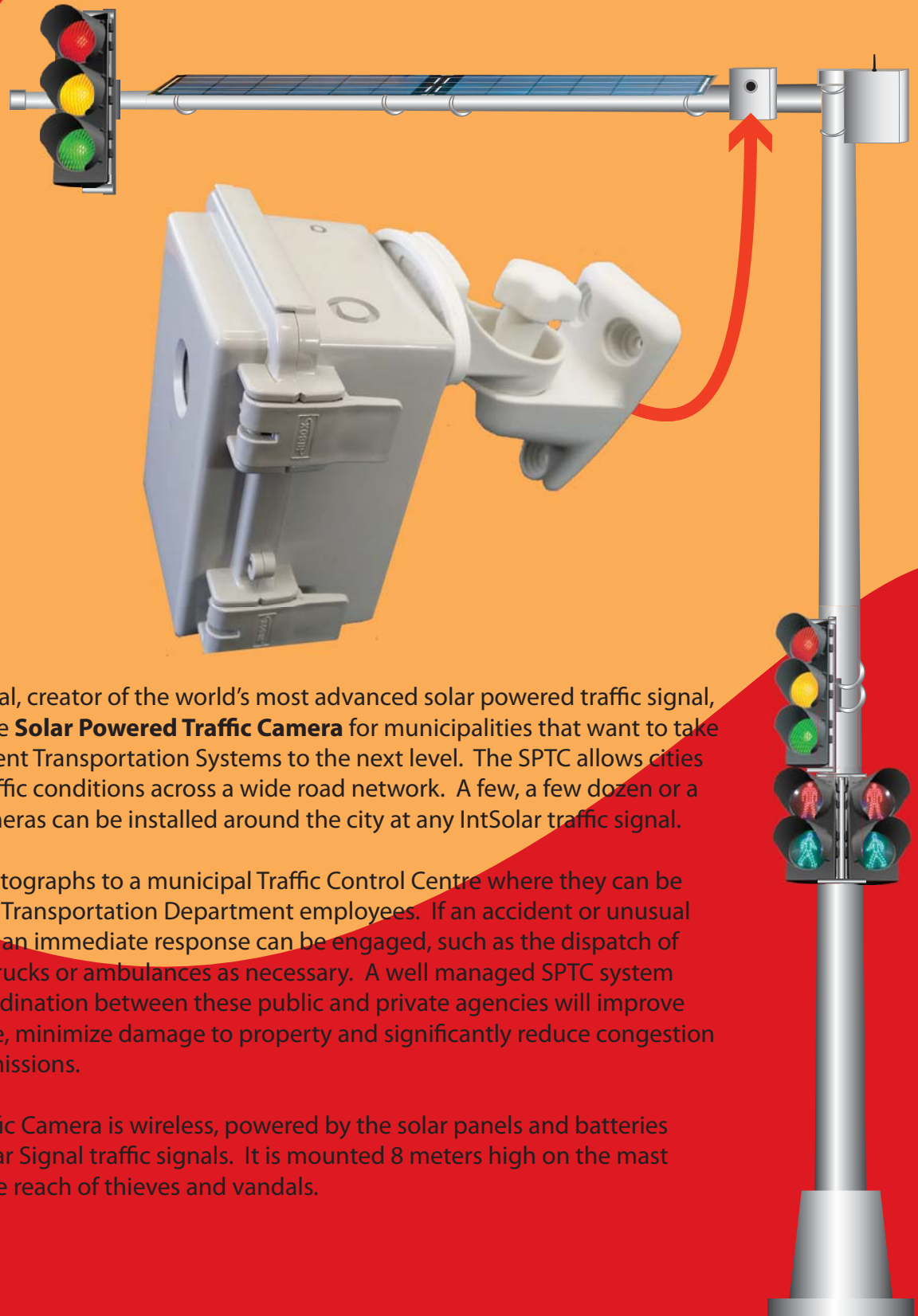




# Solar Powered Traffic Camera



International Solar Signal, creator of the world's most advanced solar powered traffic signal, is pleased to present the **Solar Powered Traffic Camera** for municipalities that want to take the concepts of Intelligent Transportation Systems to the next level. The SPTC allows cities to instantly monitor traffic conditions across a wide road network. A few, a few dozen or a few hundred traffic cameras can be installed around the city at any IntSolar traffic signal.

The SPTC transmits photographs to a municipal Traffic Control Centre where they can be immediately viewed by Transportation Department employees. If an accident or unusual congestion is detected, an immediate response can be engaged, such as the dispatch of police, tow trucks, fire trucks or ambulances as necessary. A well managed SPTC system that builds on the co-ordination between these public and private agencies will improve traffic safety, protect life, minimize damage to property and significantly reduce congestion and greenhouse gas emissions.

The Solar Powered Traffic Camera is wireless, powered by the solar panels and batteries of the International Solar Signal traffic signals. It is mounted 8 meters high on the mast arm pole, well out of the reach of thieves and vandals.



**Traffic Control Centre employees can monitor congestion and accidents across the city for immediate response.**

The SPTC contains a normal SIM card and uses a standard cell phone data link to transmit photos from the top of the pole to our network server with a proprietary compression technology that reduces data size while still providing clear, sharp images. The viewing “dashboard” allows images from multiple cameras around the city to be displayed on a single reference map. The images update with every new transmission.

In order to minimize the impact of an accident or congestion, public motorists must be supplied with timely, accurate and useful information. This allows them to divert around problem areas, or at least reduces their chance of simply adding to the end of a long queue of stopped vehicles.



**The general public can access a municipal website to plan their travels and reduce congestion.**

Regardless of congestion caused by an accident, bad weather or normal rush hour conditions, the ability to provide police with immediate and accurate information is vital to their decision process. An informed police officer can rush to accident scenes or direct traffic to ensure optimal vehicular flow. Each photograph is location, time and date stamped to give the most complete information possible. The age old saying “one picture is worth a thousand words” is proven daily with this system.



**The police can access photographs on the road with their smartphone.**

When used as part of the International Solar Signal solar powered traffic signal system, the SPTC will operate for many years, transmitting traffic photos minute-by-minute, with virtually no maintenance. The rugged camera is built to withstand the rigors of bad weather and harsh sunshine. In the event the cell phone carrier is down, the SPTC will store its photos for transmission when the carrier returns back on line. The camera can be set to operate for specific hours each day. In a typical use of 1 photo per minute during daylight hours, data charges would be about \$10 per month.

The Solar Powered Traffic Camera is designed to International Solar Signal’s normal standard of being virtually theft proof, more reliable, more energy efficient, easier to install and easier to operate than any other system in the world. Please contact us directly for more information.