



## TS2910 Wireless GPS Time Synchronizer



Solutions for:

- *Medical Centers*
- *Universities*
- *Schools*
- *Government Facilities*
- *Financial Institutions*
- *Office Buildings*
- *Military Facilities*
- *Manufacturing Plants*

The TS2910 encoder is a wireless time controller that can be used as the heart of the TimeSync system. The TS2910 obtains the atomic time from a GPS receiver and uses it to synchronize wireless analog clocks, wireless digital clocks, alphanumeric LED displays and existing wired master clock systems.

The TimeSync system transmitters utilize FCC approved UHF radio paging bands and offers transmitter options from 8 to 350 Watts. This enables the TimeSync system to utilize only one transmitter and one antenna to provide the best RF coverage for your facility.

The TimeSync system offers the latest and most innovative way to incorporate synchronized atomic time throughout your facility, providing you with the benefits of improved productivity and reduced maintenance costs.

The TimeSync system is fully expandable, allowing you to start with a system that fits your immediate needs while maintaining the ability to add more wireless devices if needed.

Features:

- *Wireless GPS time synchronization*
- *One transmitter for facility wide coverage*
- *Eliminates Daylight Savings clock adjustments*
- *Eliminates inaccurate time and attendance issues*
- *Provides accurate time for facility insurance and legal documents validation*
- *Can synchronize existing master clock systems*

# Technical Specifications

# TS2910

**GPS interface:** 12-parallel-channel, WAAS-enabled GPS receiver with an integrated magnetic base. The puck-like receiver is 2.4 inches in diameter, weighs 3.5 ounces and powered by the TS2910 encoder.

**RF Transmitter:** Internal 8W UHF transmitter. An external power amplifier of up to 350W can be added for complete coverage of large facilities.

**Synchronization:** Time synchronization transmissions are sent in one minute intervals in 24 hours or night only modes

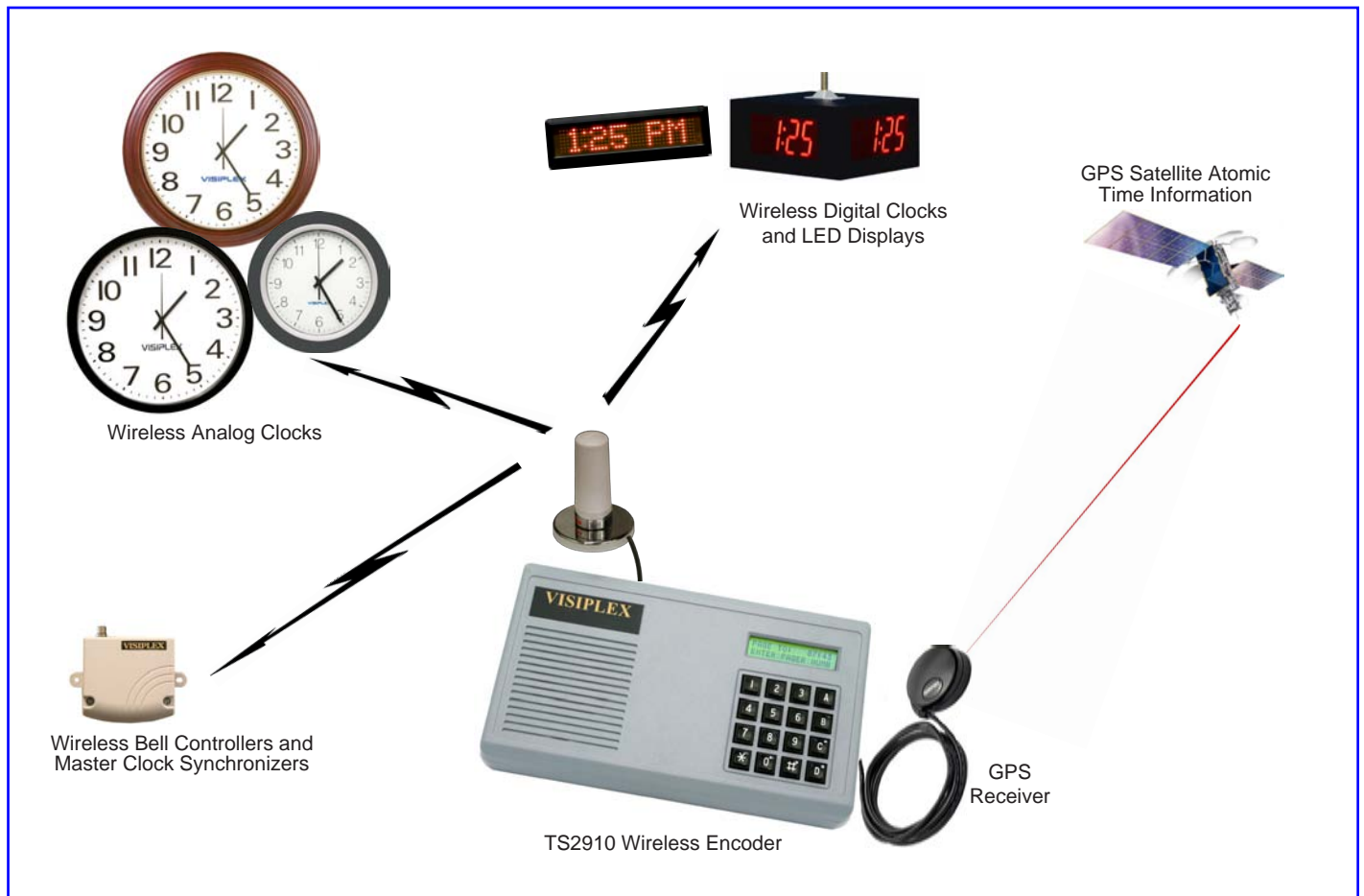
**Clock:** Built-in real time clock with battery backup.

**Display:** Two-Line green LCD Display with backlit.

**Interface:** Built-in RS-232 PC interface for programming and setup.

**Power:** Operates from a 12VDC 3A AC power adaptor.

**Dimensions:** 9.7" wide x 2.4" high x 5.5" deep, wall or desk mount.



TS2910 - Wireless GPS Time Synchronization System