The Clock Products

With the rapid development of computer networks, the computer clock has been unable to meet the demand for high-precision time due to poor punctuality in those areas where the need to ensure that all the systems are in synchronization and accurately with the same time, such as Radio and television industry、Financial、Communications、Train and Plane ticketing system、Hotels and restaurants and so on. Currently, based on the market demand, we developed and launched Tally Clock Series product. It is a way to provide a complete and cost-effective time calibration solution.

The clock series is our self-developed GPS automatic calibration products, which receives the signal source of the time signal from GPS (Global Positioning System) as a reference to the atomic clock. Also the time accuracy of GPS positioning satellites signals can be maintained within milliseconds in order to ensure the reliability of the information service for those users requiring precise reference time. This equipment can be used in many fields, such as studios, OB vans and so on.

Key Features

- Built-in GPS satellite signal receiver module
- Punctuality module, and after power down off can be punctual for 10 years
- Provide a way 1PPS pulse signal output
- Provide a way LTC time code signal input
- Provide a way RS-232 code signal of Beijing
- Support Windows9x / NT / 2000 and Linux

Main Specifications

- GPS antenna interface：BNC
- Capture time : 2.0 s
- Hot start time :15 s
- Initialization time: 45 s
- Cold start time: 120 s
- 1PPS Output Accuracy：1μs
- Without GPS timing input, the timing accuracy is 1min /month
- Power Supply： AC 220V/50Hz
- Working temperature：-20 ~ 60 ℃
- Relative Humidity：10% ~ 85%
- Timing signal transmission distance：1000m