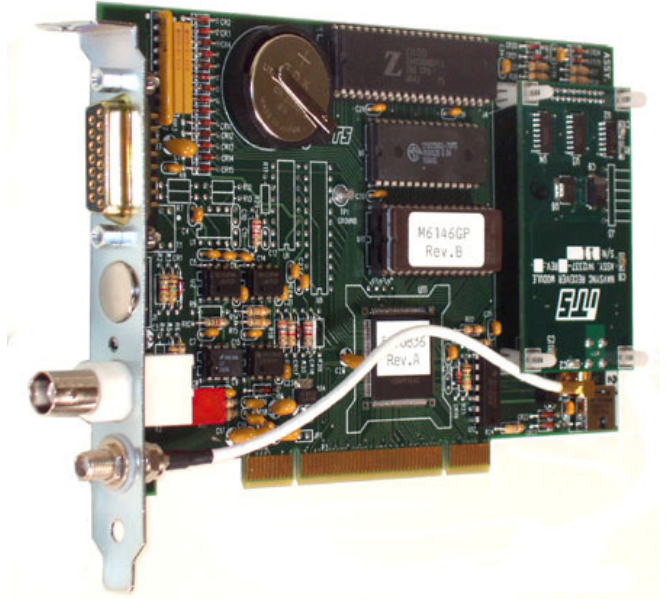


MODEL 6146GS/PCI GPS/IRIG REFERENCED PC CLOCK SYNCHRONIZER

FEATURES

- Twelve channel GPS receiver with active antenna.
- IRIG B time code decoder.
- Can be synchronized to GPS or IRIG B.
- Operates on PCI bus.
- System clock synchronization driver included.



DESCRIPTION

The Model 6146GS/PCI is an IBM PCI bus compatible, clock synchronizer that provides synchronization of the host computers clock to either an applied IRIG B time code or GPS via a 12 channel GPS receiver. The GPS time is corrected to UTC. The unit automatically acquires all in-view satellites upon power up and locks an internal clock to the GPS time reference. When no GPS signal is available, the 6146GS/PCI may be synchronized to an external IRIG B signal. As desired the user may set the board to convert Reference time to local time. This unit is an economical solution for those who only want a means of synchronizing their computer clock and don't require an IRIG generator or event time tagging. Included is an active GPS antenna with a 19ft cable. The unit also has the capability of time tagging events. The 6146GS/PCI contains seven triggerable event registers.

A version without the GPS receiver, Model 6146S/PCI is available for synchronization of the PC clock to IRIG B only.

The unit resides on a single 32 bit, 5 volt PCI port.

