

# PLR

Avionics

## Telemetry Monitoring System

TMS10127-01



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### Features:

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- Telemetry Frame decommutation
- Recording of the incoming PCM Data Stream
- Real time display of received PCM telemetry data parameters
- User selectable parameters to be displayed
- Time tagging of the incoming PCM telemetry data parameters
- Replay and Post Analysis of the recorded PCM Data Stream
- Optional PCM bit synchronizer (\*)
- Data Rates from 10 bps to 30 Mbps
- Support for Multiple PCM Streams
- 8 to 16 bit Word Length
- Accepts TTL or RS-422 Inputs
- IRIG A, B, & G Time Input
- Full IRIG Class II Decommutation
- Onboard Minor Frame Time Tag
- Supports IRIG Chapter 8 1553 Data
- Embedded PCM Frame/Asynchronous Blocks

\* Lumistar LS-040, SBS 4400TF

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### General Description:

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The Telemetry Monitoring System – TMS10127-01 is a portable unit packaged in a High Performance Portable Computer. The TMS is capable of recording and playing back data received on one or two PCM Telemetry Streams. The system includes the TMC10127-01 as its interface to PCM data and the Integrated Debriefing Environment software package, integrated into one complete unit.

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