

# MAG 200 LT

## Portable Telemetry Solution

➤ The portable system for telemetry applications MAG 200LT gathers in a portable computer full functionalities and performances. Based on **MAGALI** software, MAG 200LT is an essential tool for the test engineer to run test on site.



### Functionalities

**MAG 200LT** acquires, analyzes and visualizes data form PCM telemetry signal, whatever the format (IRIG, CCSDS, CE83).

**MAG 200LT** is defined in various configuration : laptop with PCMCIA cards, with PCI cards, or external USB modules. It provides all the functionalities in the same working environment.

### Portable Telemetry Solution

#### MAG 200 LT

- Performance
- Efficiency
- Flexibility
- Security

#### Portable PCI solution

Integrated in a rugged PC, **MAG\_200LT/A** is a perfect solution for hard environment and high performances



	Max Bit Rate	Acq & Analysis	Decom	Bit Sync	Receiver
MAG_200LT/A10	10 Mbps	■	■	Option	Option
MAG_200LT/A20	20 Mbps	■	■	Option	Option

#### Transportable PCI solution

Built with a transportable controller and PCI telemetry board, the **MAG\_200LT/B** offers the advantages : transportable, high performance, extensible...



	Max Bit Rate	Acq & Analysis	Decom	Bit Sync	Receiver
MAG_200LT/A10	10 Mbps	■	■	Option	Option
MAG_200LT/A20	20 Mbps	■	■	Option	Option

## Space

- Laboratories
- Qualification, Acceptance

## Aircraft

- Validation before test flight
- Test bench integration
- Qualification
- Flight tests
- Acceptance

## Missile Applications

- Laboratories
- Test bench integration
- Qualification, Acceptance
- Test ranges

## J.A.V Applications

- Validation before test flight
- Test bench integration
- Flight test
- Operational use data link, video link

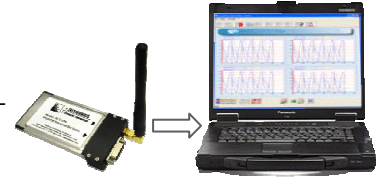


Route d'Elne  
F-66200 MONTESCOT  
tel. +33 (0)4 68 37 36 35  
fax: +33 (0)4 68 37 36 34  
Email: [magali@eurilogic.fr](mailto:magali@eurilogic.fr)  
[www.magali.com](http://www.magali.com)

### Portable PCMCIA solution

This solution is integrated in a laptop PC, rugged or standard, with PCMCIA interface.

**MAG\_200LT/C** is a light and efficient solution.



	Max Bit Rate	Acq & Analysis	Decom	Bit Sync	Receiver
MAG_200LT/C5	5 Mbps	■	■	■	Option
MAG_200LT/C20	20 Mbps	■	■	■	Option

### Portable with External Device

**MAG\_200LT/D** is built with a standard laptop and an external module communication through USB.

This system has high performances, full functionalities and the advantage to change the controller easily.



	Max Bit Rate	Acq & Analysis	Decom	Bit Sync	Receiver
MAG_200LT/D5	5 Mbps	■	■	Option	Option
MAG_200LT/D30	30 Mbps	■	■	■	■

### **Add-ons**

*These solutions can be extended with other **MAGALI** products .*

### Networked solutions

The NDA architecture is an advanced Network Distributed Architecture. It is designed to share the acquisition sources on one or several front ends, then to distribute synchronized data on many client stations for visualization, analysis. It is a modular, flexible and scalable solution.

### Other sources

Telemetry systems can be completed to acquire streams such as: MIL-STD-1553, ARINC 429, analog channels, Ethernet... (limited to laptop capacity).

### Video and voice

Acquisition and/or replay of several video and voice signals , synchronized with other sources. This data can be integrated in the telemetry or separately acquired.

### Debriefing software

All **MAGALI** telemetry solutions include analysis tools in post-processing. These tools can be completed by modules to read and analyse data from other media (memory card, black boxes...). The modules manage IRIG format chapter 10, HEIM DATAREC, ARINC...

### Outsourcing

**EURILOGIC** offers a range of services related to telemetry system supply: assistance for test preparation and implementation on the long or short term, training, expertise....