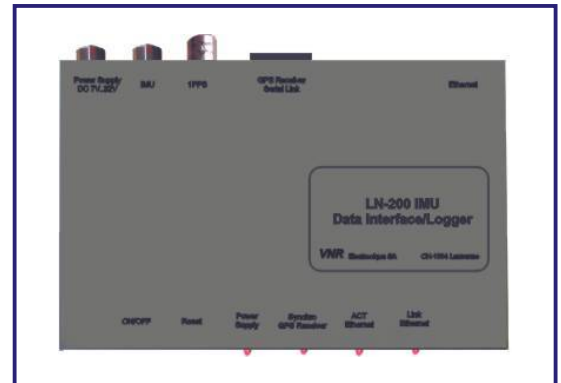


## LN-200 IMU Data Interface/Logger

The LN-200 IMU data logger represents an ideal solution for demanding applications using GPS/INS software integration. The interface houses any existing GPS/GNSS receiver with 1PPS and NMEA/ZDA output.

It precisely synchronizes the incoming IMU data\* with GPS time and sends them over the Ethernet port. The high bandwidth of the communication ports easily handles up to 400Hz of IMU data that are logged on customer-provided PC. The precisely time-tagged data can be used for real-time or in post-mission GPS/INS integration.



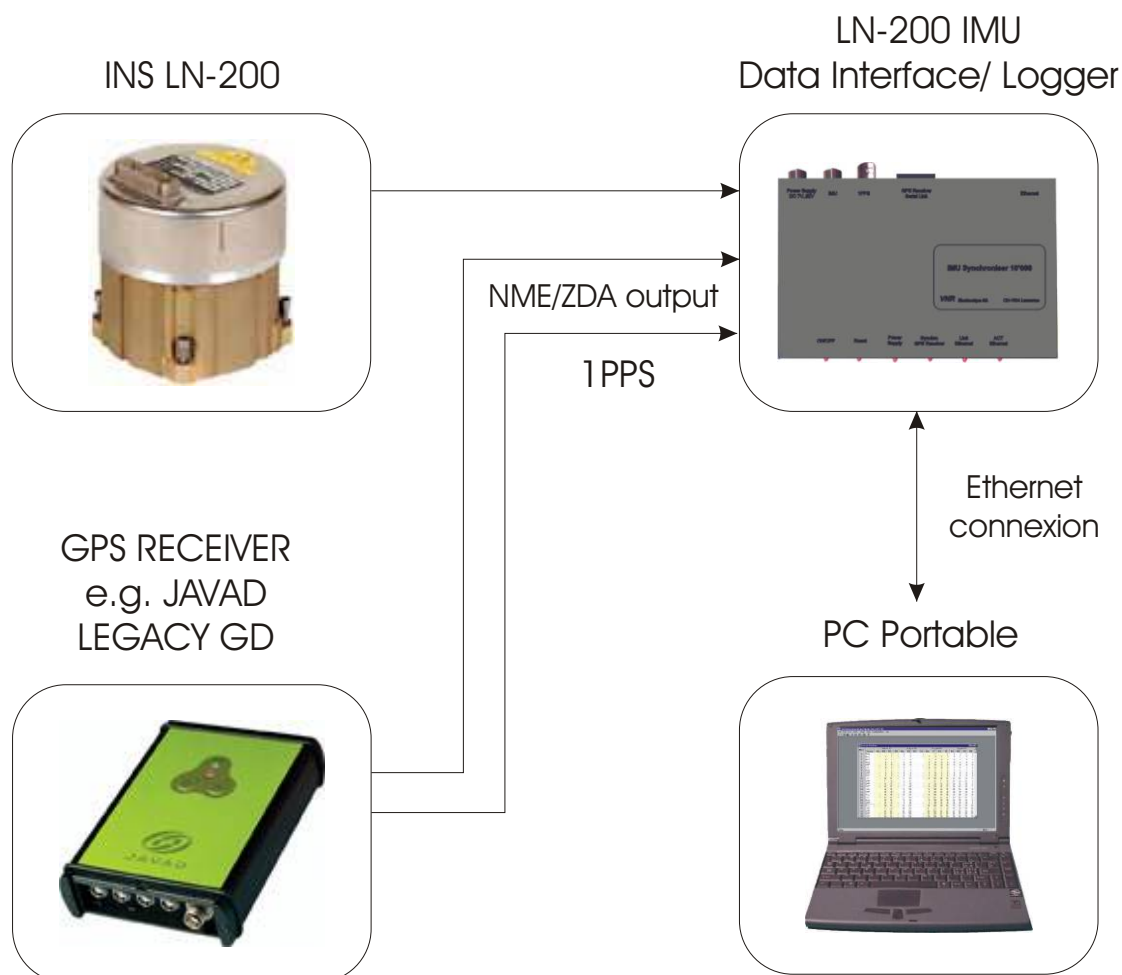
\*An alternative use accommodates synchronization of odometer pulses.

### SYSTEM FEATURES:

- ◆ IMU data synchronization with GPS or UTC time, accuracy 30μs
- ◆ Handles up to 400Hz IMU (LN200) data or odometer pulse
- ◆ Accommodates any GPS/GNSS receiver with 1PPS and NMEA/ZDA output
- ◆ Output over generic Ethernet port
- ◆ Automated setup
- ◆ Led control
- ◆ Small size and weight
- ◆ Low power consumption
- ◆ Data logging: any PC with Ethernet port
- ◆ Logging software for Windows OS (other OS upon request)

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# LN-200 IMU Data Interface/Logger



## **SPECIFICATIONS:**

- ◆ Size: 170mm X 110mm X 35 mm
- ◆ Weight: 540g
- ◆ Power consumption: ~1W
- ◆ Ports: Serial Port RS232, Ethernet 10/100, HDLC, Pulse Capture Input
- ◆ Input Voltage: DC 7V-32V

## **VNR Electronique SA**

Av. de France 90  
CH-1004 Lausanne  
Email: [info@vnrsa.ch](mailto:info@vnrsa.ch)

T. +41 21 647 6436  
F. +41 21 647 6461  
<http://www.vnrsa.ch>



Bâtiment GR  
1015 Lausanne, Switzerland  
T. +41 21 693 27 55  
F. +41 21 693 57 40

Faculté ENAC - Institut du Développement Territorial  
Laboratoire de Géomatique/Topométrie