



Alivata System



OVERVIEW

ALIVATA SYSTEM is a **portable and compact** readout system for silicon sensor characterization.

ALIVATA is based on the GPn and HDRn ASIC families of IDEAS and enables the user to read out or characterize **each individual volume** of silicon micro-dosimeters, silicon strip or pad sensors as well as SiPM based detector systems.

FEATURES

- 1 keV energy resolution
- Peaking time depends on the ASIC : 50 ns (fast) 500 ns (slow) for the GP7
- Up to 4 data streams with a max. of 16 chips on each of the streams
- Connectivity PC by UDP (Ethernet)
- TDC resolution better than 100ps
- Autotrigger
- External trigger
- Voltage supply: +5 V
- Data Acquisition Software for Windows, Linux and Mac OSX

Alibava Systems

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