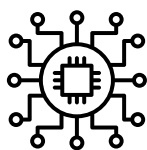




EUCLIDES

MULTI-PROBE MONITORING SYSTEM WITH LOCAL UNIT



Compatible with all the
ELSE NUCLEAR detectors



Autonomous and
complete system



Tailor-made versions
available

Several detectors connected
at the same time

Complete local software
interface for data acquisition,
saving and management

ETH port for communication
with external PC

Alarm column for status
indication

The environmental monitoring system **EUCLIDES** consists in a network of ELSE NUCLEAR detectors connected to a wall-mounted Local Control Unit, featuring a panel PC with a complete and autonomous management software.

All the available models of ELSE NUCLEAR detectors can be connected to the EUCLIDES LCU and managed by the system.

EUCLIDES is designed to be a simple and extremely versatile solution for all the applications requiring a system to monitor the radiation levels in medium-size areas, possibly using different detectors (e.g. for gamma or neutron radiation), managing the data in real-time from a single local interface.

The **EUCLIDES** system is composed of:

- EUCLIDES LCU, a wall-mounted box with panel PC, power supply module, I/O modules and connectors
- alarm column with LEDs and siren for status indication
- detectors connected to the LCU through dedicated probe cables, to be selected from the whole ELSE NUCLEAR catalogue

Thanks to the versatility and modularity of the system design and its components, it is possible to adapt the **EUCLIDES** architecture to many different specific requirements.

SYSTEM VERSATILITY EXAMPLES

Among the most representative examples of versatility, we can mention the following:

- more than one alarm column can be managed, each one dedicated to a single detector
- test buttons on the LCU to test alarm activations
- double panel PC to split in two groups the connected detectors synoptic visualisation
- “beam-on” input management, or interface with external systems

TECHNICAL SPECIFICATIONS

Please refer to the dedicated datasheet for any information about the detectors.

EUCLIDES software

- Real-time acquisition of the measurement data from the connected detectors
- Automatic and continuous control of the measurement values through pre-set alarm thresholds
- Data archiving in numeric and graph form, exportable and compatible with spreadsheet applications
- Management of the detectors operating parameters
- Password protection of the setting functions
- Compatibility with 5700 sMON management software and Ethernet connection with external PC

OPTIONS

The EUCLIDES mononitoring systems can be configured to meet specific conditions, according to the technical requirements.

