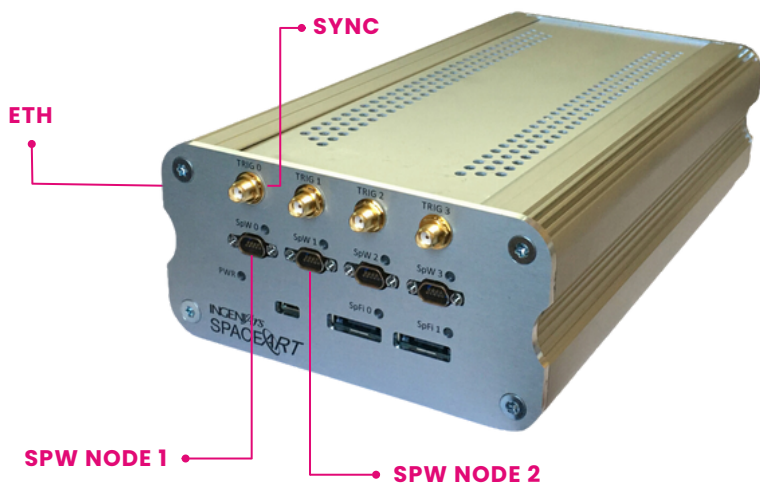
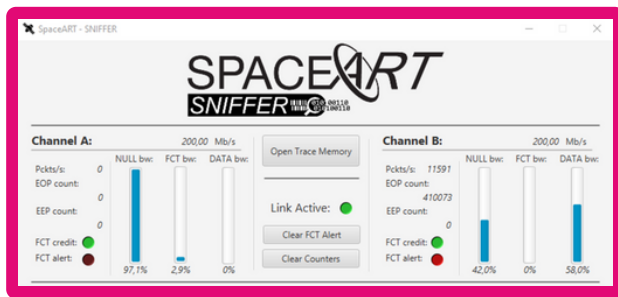


SPACEART SpaceWire Sniffer

The SpaceART® SpaceWire Sniffer enables character-level analysis of **SpaceWire communication between two nodes, without interfering with the communication**. It's ideal for applications requiring long SpaceWire acquisitions and advanced trigger conditions to capture the relevant data. This tool is highly effective for troubleshooting hidden flaws in SpaceWire communication, thanks to its high recording capacity and advanced triggering features.





KEY FEATURES

- **Unobtrusive SpW link monitoring**
- SpW traffic speeds up to 200 Mbps
- Gigabit-Ethernet interface for host PC communication
- **Built-in advanced SpW traffic visualization** features with customizable XML parser to easily analyze custom-defined SpW protocols
- **Complex trigger** conditions to start the acquisition
- External **synchronization** via SMA connector
- **FCT / NULL bypass** to extend traffic snapshot
- Acquisition available in Human readable and binary files
- **256 MB memory** for traffic snapshot
- Disconnect error injection asynchronous or synchronous to external SYNC signal

TRIGGER AND ACQUISITION SETTING

ADVANCED SPACEWIRE TRAFFIC VISUALIZATION

Pkt	Time [ns]	Data
1	31698405	HOR-DUT
2	31704400	HOR-DUT
3	31707400	EOB
4	31709400	EOB
5	31709500	EOB
6	31709600	EOB
7	31709700	EOB
8	31709800	EOB