# Elecs

ELECS INDUSTRY CO., LTD.

### High Speed and Broadband Signal Analysis Solution

## Removable Storage

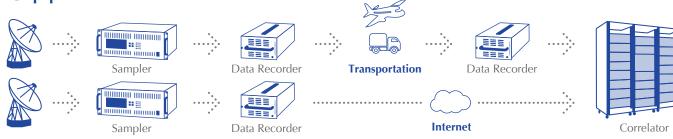# PETA DATA RECORDER

Data Recorder Computer Unit

Data Recorder Storage Unit

## Features

- Record high-speed and broadband data stream input via 10/40/100G Ethernet at **maximum speed of 32 Gbps**.

- Removable storage is **safely transported** with its own purpose-built carry case.

- The durability of the storage module connector is **over 10,000 times** of insert / remove.

- Realizing **direct analysis** of data stream without file format conversion by adopting Linux file system for the storage.

- Bundled **Web-base GUI software** made possible the integrative control of signal analysis solution, such as data-recorder and sampler, via Web browser.

# Applications



Sampler → Data Recorder → **Transportation** → Data Recorder

Sampler → Data Recorder ····· **Internet** ····· → Correlator



Down Converter＋IF Sampling
RF Direct Sampling



Web-base Integrated GUI Software

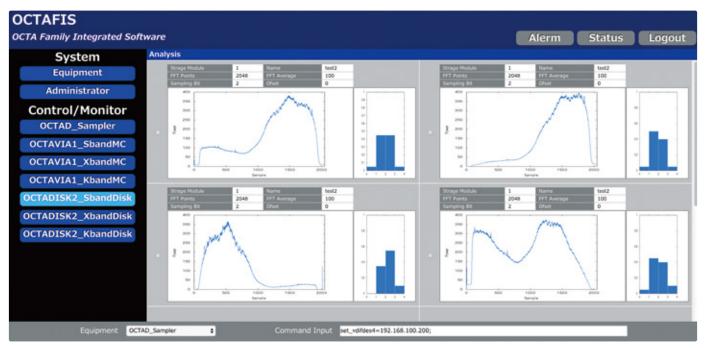| Record / Playback | • Record/Playback speed 8Gbps(standard)<br>• RAID 0/5＋HotSpare/6<br>• Linux XFS file system |
|---|---|
| Storage | • 2 removable storage modules<br>• 12 HDD/SSD units per 1 storage<br>• Secured transportation with the own purpose-built carry case |
| Data Input / Output | • 10/40/100Gbit Ethernet<br>• Compatible with a wide variety of stream protocol |
| Integrated GUI Software | • Integrated device control such as sampler, data recorder and correlator<br>• Displays recorded data spectrum and quantization bit distribution |
| General | • 2 units(storage/computer)configuration<br>• 2 units are connected by 6 MiniSAS cables<br>• 9U EIA19inch-rack(2 units total)<br>• AC100 to 240V |



Integrated GUI Software Data Analysis