

RAVEN RECORDER

17.1 & 17.3 sFPDP recorder



Integrated recorder & Playback System

APPLICATIONS

- RADAR
- SONAR
- Electronic Warfare
- Medical imaging
- Telemetry system

BENEFITS

- Cost-effective solution
- Integrated recorder
- Easy-to-use
- On-demand solution

KEY FEATURES

- 1 to 4 sFPDP channels
- VITA 17.1 and 17.3 compliant
- Aggregated data 1.2 Gbps
- Uncompressed recording
- Playback with timestamp
- Offload data through 10 GbEth link



Build your sFPDP recorder

We offer a full product line dedicated to sFPDP applications : **acquisition, generation, recording and playback.**

The RAVEN Recorder record and replay from 1 to 4 sFPDP VITA 17.1 or 17.3 channels.

It is available in multiples versions for use in test benches, development, simulation or close to RADARs.

RAVEN Recorder is an **on-demand solution to fit the needs of your project.**

You can specify number of channels, protocol version (VITA 17.1 or VITA 17.3), capacities of storage and form factor.

Each RAVEN Recorder comes with removable disk - total capacity for 4 channels @2,5Gbps is 32 TB.

Offload data is available through 10 GbEth link.

This product line has been design to be easy-to-manage with remote access.

Serial Front Panel Data Port (sFPDP) is a high-speed low-latency serial communications protocol for use in point-to-point data transfer applications.

sFPDP is ideal for high-speed communication system backplanes, high-bandwidth remote sensor systems and signal processing.



DEFENCE



INDUSTRY



Information and photos subject to change without notice



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SOFTWARE

- Remote control through Ethernet 1 GbEth
- Functions: play, stop, playback

HARDWARE

- Removable disk
- Offload data through 10 GbEth link
- Datation: NTP, IRIG, GPS in option
- 4x SFP+ slot

STORAGE CAPACITY

- From 4TB to 32 TB

ORDERING INFORMATION

- RAVEN-1000:**
 - Transportable station, recorder & playback
- RAVEN-2000:**
 - Industrial station, rackable, recorder & playback
- RAVEN-3000:**
 - Rugged station, recorder & playback
- RAVEN-850-SFP-Pack:**
 - Set of 4x SFP+ transceivers multimode 850nm for RAVEN platforms

RECORDING & PLAYBACK EXAMPLE

Recording

- Raven Recorder record data from RADAR



RADAR



sFPDP



RECORD FUNCTION
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Playback

- Raven Recorder playback data in order help you simulate sFPDP link.



PLAYBACK FUNCTION
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sFPDP



COMPUTER UNDER TEST

RECORDER



RAVEN-1000 Station



RAVEN-2000 Industrial

MIL-STD
levels of ruggedization

RAVEN-3000 Rugged

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