

# RAVEN RECORDER

17.1 & 17.3 sFPDP recorder

**TECHWAY**  
SIGNAL VISION SYSTEM

## 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  
RAVEN RECORDER

### Playback

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



PLAYBACK FUNCTION  
RAVEN RECORDER



sFPDP



COMPUTER UNDER TEST

## RECORDER



RAVEN-1000 Station



RAVEN-2000 Industrial

MIL-STD  
levels of ruggedization

RAVEN-3000 Rugged

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