

# RDR-800-X Ruggedised Data Recorder



The RDR-800-X is a rugged Data. A variety of inputs can be connected to the unit and recorder on an internal hard drive whilst simultaneously streaming the data / video packets over a 100/1000M Ethernet link (RDR-800-S model).

## Features

- Simple installation and configuration. Compact lightweight and easy to move.
- High reliability
- Expandable to meet customers' requirements through optional components and modules.
- Streaming of live or archived data.

# RDR-800-X Technical Specification

## Main Unit (RDR)

Record period	Up to 17.5 Days with 256GB drive* Up to 67 Days with 1TB drive*
Radar / CCTV	2 video channels Display output up to 1600x 1200 resolution Refresh rates up to 85Hz configured capture interval
Audio channels	2 Microphone channels
NMEA 0183 Inputs	2 channels (IEC 61162-1) (such as GPS ) Update frequency configurable
Data export features	Data output for standard USB 2.0 memory
Front panel display	User friendly system status messages
Configuration	Web enabled configuration page
Streaming	View live radar/CCTV and audio stream from a COTS video player (VLC)  Live streaming can be interrupted to display achieved data.  Video compression selectable (RAW, H264)

## Power Supply (PSU)

PSU	Minimum of 2 hours of continuous recording at power failure
System Voltage	AC Power 115 VAC / 230V AC 50-60Hz max. 75W DC Power 12V max. 60W

## Optional

Data Acquisition Unit (DAU)	Sensor interface for digital, serial and analogue channels. Convert non IEC 61162 into data into IEC 61162 formats sent to the main VDR unit.
Protected Data Unit (PDU)	Up to 2.5 hours with 1.75GB drive* Up to 11 hours with 8GB drive*
Remote Display Unit	Displays operating status and error code messages in bridge area.  Confirm and silence alarm.  Data downloadable through Ethernet
Microphone	Powered from VDR unit.  Built-in speaker for self test function

Note:

\* With 10Mbit compression @ 1Hz update frequency.

# RDR-800-X Example System

