

HydroDCS™

REMOTE DATA COLLECTION SOLUTION

Description:

HydroDCS™ is a single purpose unit that runs the LRGS and DECODES modules of the OpenDCS software package.

This appliance provides on-site resilient hydro-meteorological data collection in near real-time. Thus, it can benefit any remote site seeking reliable access to hydrologic data.

The Local Readout Ground Station (LRGS) can receive data via several satellite links and the Internet and distributes the data efficiently to client processes such as DECODES.

The Device Conversion and Delivery System (DECODES) is a refined collection of processes that decode data from remote sites transmitting via satellite and reformats that data into a large number of standard formats.

The data can be viewed or retrieved from the device through a secure controlled interface.

Specifications:

Dimensions	7.3" x 1.73" x 5.4"
Operating temperature	0°C to 40°C
Weight	2.2lbs
Networking	Gigabit Ethernet
Power Supply	100-240V @50-60Hz 36W Power Adapter
System cooling	1 x cooling fan
Version	Prototype 2



Key Features:

- The OpenDCS LRGS module for retrieving hydro-meteorological data on a near real-time basis.
- The OpenDCS DECODES module for decoding the data received by the LRGS.
- A secure control interface for configuring specific aspects of the appliance.
- A web service for viewing and retrieving data from the device.



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