VQ-2015
A communications-based Substation RTU

The Valquest VQ-2015 is a communications-based Substation RTU that polls IEDs using various protocols to gather analog and digital information. It records the information it gathers in a local database, and responds to queries from clients with formatted messages from this database. It also has the ability to send commands to IEDs and expansion modules as received from a client.
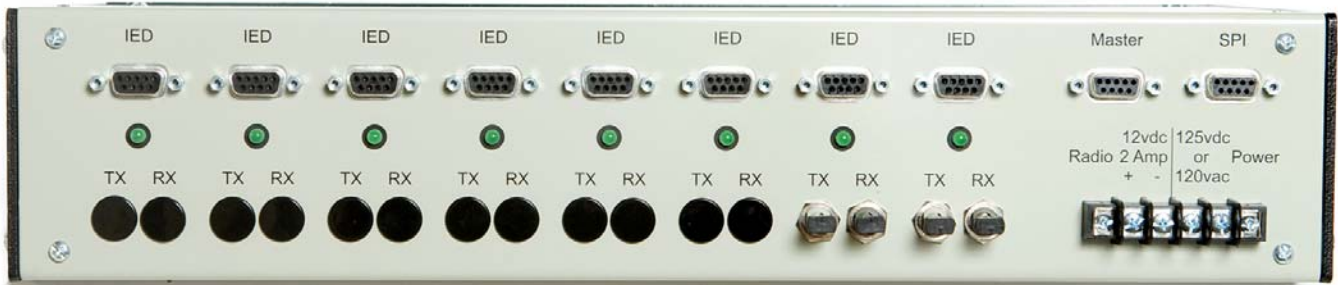
Features:

The VQ-2015 is field programmable with a laptop and the Valquest utility software so you can do what you need to do when you need to do it.

The flexible programming utility includes:

- Standard IED templates
- User defined IED templates
- IED Network configuration
- Local database organization

- Server response data definition
- Control output definitions
- IED protocols
- Local Expansion Module definition

Features continued:

- The VQ-2015 includes a local master (client) communications port so you can monitor activity in real-time through a local PC in the field.
- The device calibration and functionality verification is done with the same program, so there is no need to juggle multiple applications.
- Includes event storage based on standard IED templates.
- The VQ-2015 has an internally opto-coupled master communications port to protect your equipment from lightning.
- Uses isolated 12VDC power for communications devices (radio or other).
- The VQ-2015 also includes a communications port for future expansion, making it even more versatile.

Rear view

VQ-2015 Specifications:

Temperature Range	-40°F to 165°F
Humidity (Non-Condensing)	0 to 100%
Operating Voltages	85 to 260 VAC
	95 to150 DC
	12 VDC
Relay Contact Rating	10 Amps
Power Usage (without radio)	1 Watt
Enclosure	3.5" x 19" Rack
Fiber Optic Terminations	ST – Connector
Server Protocol	DNP 3.0
IED Protocols – Available	DNP 3.0
	Modbus - RTU
	PGE – 2179

Valquest Systems, Inc.
351 S. Sherman St., Suite 100
Richardson, TX 75081

October 2010

(972) 234-2954
Fax (972) 238-9501
http://www.Valquest.com