



Javelin Rapid Deploy

Javelin RD-100 Rev. 1

Voltree Power Inc.

100 Energy Drive

Canton, MA 02021

(781) 828-8733

www.voltreepower.com

**Providing Green
End-to-End Solutions for
Scalable Remote Sensing
Applications With a
*Single Device***



Connectivity	ISM Band 700 – 800 -900 MHz, Wi-Fi, GSM
Features	SDI-12 Interface, I2C, USB, RS232, PC Configuration Tools
Compatibility	Integrated with RAWS (Remote Automated Weather Stations) manufactured by existing government vendors
Functionality	Accepts Multiple Sensors, Low Power
Sensors	Vaisala WXT520 (Scientific Grade) LUFFT Sensor Products (Scientific Grade) Plug and Play Sensors (Interface Compliant)
Weight (approximate)	17 Lb; 7.8 Kg
Size	6X6X68 inches
Range	2 Miles - Modest Vegetation
Casing	NEMA 4X Enclosure
Environmental Conditions for Use	Outdoor Environments
Temperature Range	- 25 Degrees Celsius to 50 Degrees Celsius
Antenna Pattern	Omni-Directional
Antenna Connector	SMA, F-SMA
Operating Voltage	DC .4 to 18V
Types of Power Supply*	Battery - Energy Harvesting (DC-12V) Car Lighter (DC-12V) DC-9V or AA Battery 4000 mA-H

*Only with Voltree supplied accessories

Voltree Power

Designed for remote automated data acquisition in harsh unattended settings

- Real-time weather conditions on demand
- Value-added integration with legacy RAWS system
- Secure deployment in any terrain and extreme environments
- Flexible and customizable
- Complete and portable

***First USFS Contract
Beta Tested***

***A USFS Volunteer and
Collaborator in Fire
Weather Field Studies***

***Camp Lejeune Federal
Grant Smoke Study
Trials***

