



THERE'S THE OLD WAY... OR THERE'S THE

THE VSMART MODULE

Providing a unique wired, wireless, or network connection for your SiteSentinel® iSite™ tank gauging devices

VSmart module provides for wireless or single-wire interface of all system components – probes, sensors, line leak devices – to the SiteSentinel® iSite™ console for ease of installation. All devices are connected directly to the VSmart module, making installation quick and easy. Using exclusive proprietary IntelliSense™ Technology for probes and sensors, the VSmart automatically detects the type of device connected and sends the information directly from the VSmart module to the SiteSentinel® iSite™ console! With a NEMA 4 rated enclosure, the VSmart Module can be located near the tank area, reducing or eliminating direct wiring runs back to the SiteSentinel® iSite™ console.



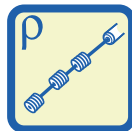
Part of the

Site Sentinel®
family of products



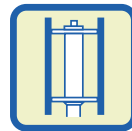
WIRELESS

The VSmart's single wireless radio antenna is installed above ground and does not use batteries, ensuring a higher power signal and the best possible connection.



AUTOMATED

The VSmart can automatically detect the presence of attached devices including probes, sensors and density floats, on any IS channel.



INSTALLATION

Interfaces probes and sensors to the SiteSentinel® iSite™ console by "daisy-chaining" through a single IS channel.



SAVINGS

The VSmart Module lowers installation costs by eliminating multiple wiring (home runs) for probes or sensors, back to the console in the building.



VSmart Specifications

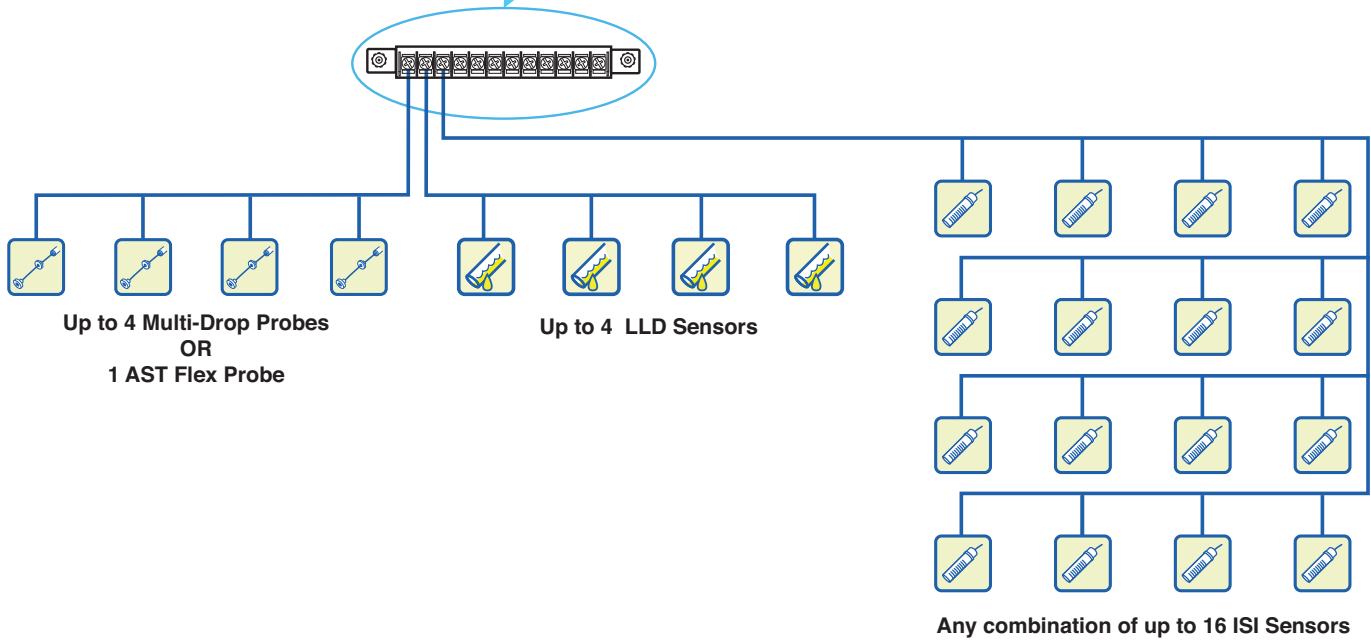
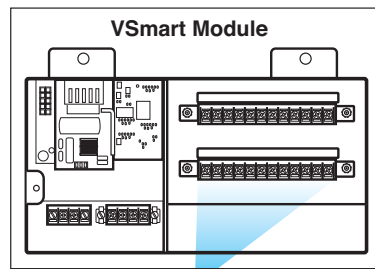
- NEMA 4 rated VSmart enclosure
- NEMA 4 rated wireless modem
- Number of Probes: Up to 32 "924B" probes and/or 8 flex probes per VSmart module, up to 8 VSmart Modules per SiteSentinel® iSite™ Console
- Probe Length: horizontal or vertical tanks Up to 12' (3.7 m) 924B rigid stainless steel, up to 50' (15.24 m) flexible PVDF for AST applications
- Probe inputs intrinsically safe magnetostrictive 1 or 2 floats
- Location: Class 1, Division 1, Group D EEx ia IIA T 4
- Operating Temperature: -40° F to 158° F (-40° C to 70° C)
- Data Cable: 250' (75 m) or less use Belden 88760, from 251'-1,000' (77 m to 304 m) use Belden 9182
- Floats: Nitrophenyl 2" (5.1 cm), 4" (10.2 cm) and stainless steel 2" (5.1 cm)

Dimensions: 11.3"W, 5.6"H, 5.8"D, (28.7 cm x 14.2 cm x 14.7 cm)
 UL, NEMA 4 rated VSmart enclosure
 RS-485 Twisted pair - 5000 Feet
 Ethernet (CAT5) - 500 Feet
 Wireless - Recommended up to 1500 feet maximum with free line of site.:

VSmart Certifications



Intrinsically Safe Module Certifications



VSmart Module Capabilities

- Two, 4-channel IS Modules per VSmart Module
- Maximum of 8 VSmart Modules per console
- Maximum of 8 IS Channels per VSmart Module
- Maximum of 8 AST Flex Probes per VSmart Module
- Maximum of 32 – 924B Probes per VSmart Module
- Maximum of 128 Active or Passive Sensors per VSmart Module (Intellisense™ Sensors)



ONE COMPANY. ONE WORLD. ONE SOURCE.

6900 SANTA FE DRIVE • HODGKINS, IL USA 60525 • www.opwfms.com • 708-485-4200 • (fax) 708-485-4630

NOTE: All information subject to engineering and/or other changes. All trade names are copyrighted. Patents Pending. ©2008 OPW Fuel Management Systems
 ©2008 Delaware Capital Formation, Inc. All Rights Reserved. DOVER and the DOVER logo are registered trademarks of Delaware Capital Formation, Inc., a wholly-owned subsidiary of Dover Corporation