



### Engineered for Performance

Ventev® Wireless Infrastructure's Outdoor Radio Enclosures power and protect essential communications equipment, including MDS and other radios and cell modems, to enable SCADA, wireless backhaul and broadband communications.

Pre-engineered system lowers your installation time and reduces maintenance and capital expenses.

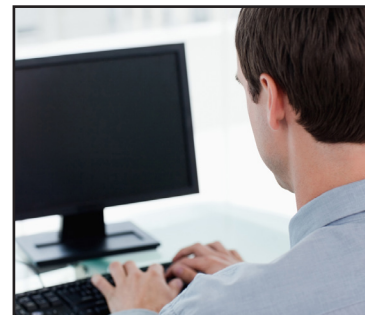
### Applications

- Gas and Oil Industry
- Water, Gas and Electric Utilities
- Transportation
- Manufacturing/Warehouse

### MDS-Compatible Radios

- |            |        |
|------------|--------|
| • iNet     | • SDX  |
| • iNet II  | • 9810 |
| • TransNet | • 9710 |
| • entraNet |        |

## GE MDS Radio Enclosure System



### Deploy

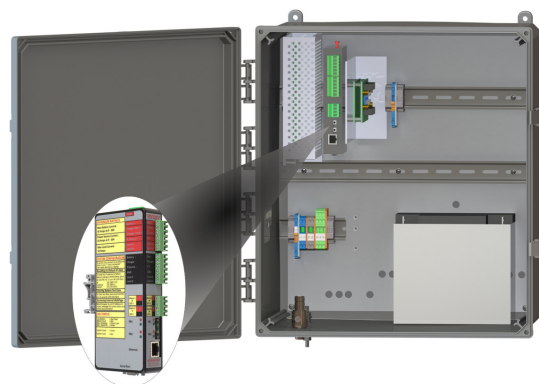
- Pre-engineered for faster, less expensive deployments

### Power

- Ample power and room for two MDS radios, switches, media converters and power converters
- Flexible design easily accommodates optional components to manage hot or cold temperatures, networking equipment and power conversion equipment. Consult Ventev for assistance.
- A two-channel RTU using dry contacts can be configured for extra I/O for reporting additional information.
- Provides support for the latest in Ethernet communications including SNMP and DNP3.
- Long-lasting, Sealed Lead Acid Batteries for UPS systems ensure that your data is available when you need it.

### Protect

- Industrial-grade enclosure protects equipment in harsh environments
- NEMA 4X enclosures with latch locks keep equipment safe and secure
- True, autonomous battery health testing uses the system's own load to evaluate battery health in real-time. (Learn more about Ventev's BTRM component Part# BTRM-200/SKU 578626)



### Enclosure System Portfolio

- Powered Enclosure
- Powered Enclosure with UPS
- Powered Enclosure with UPS and Monitoring

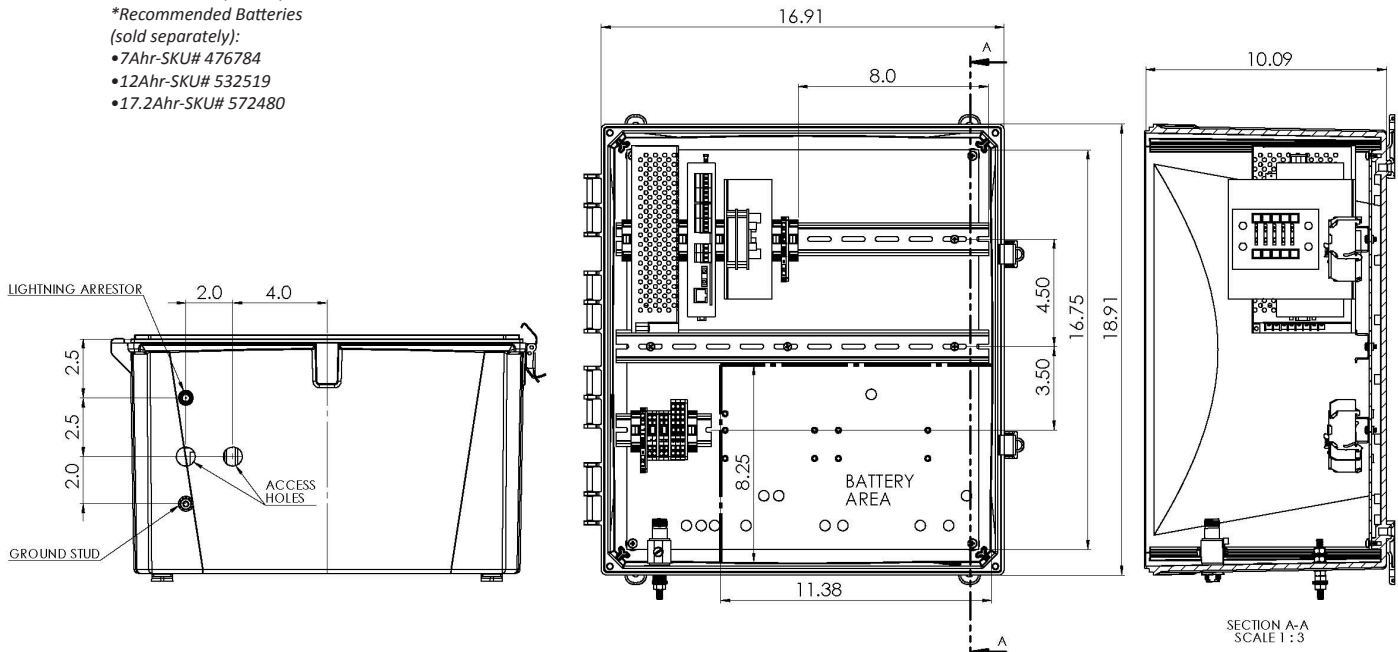
## MDS Powered Enclosure with Battery Test Remote Monitor

*\*Radios sold separately*

*\*Recommended Batteries*

*(sold separately):*

- 7Ahr-SKU# 476784
- 12Ahr-SKU# 532519
- 17.2Ahr-SKU# 572480



Enclosure systems can be ordered with optional equipment. Please call Ventev to optimize your system and radio deployment.

SPECIFICATIONS	POWERED ENCLOSURE WITH UPS & BATTERY MONITOR	POWERED ENCLOSURE WITH UPS	POWERED ENCLOSURE WITH AC POWER
Ventev Part #	VL09-12-155-MDS-B	VL09-12-120-MDSUPS	VA09-12-MDS
Radios Supported	SDX, iNET-II, iNET (See Note 1)	MDS9710A, MDS9710B, MDS9810, Transnet eI805, SD4, iNET-II, iNET	
Enclosure Size	18x16x10"		
Enclosure Type	Grey Polycarbonate		
Input Voltage(s)	88 ~ 264VAC    and    124 ~ 370VDC		
Input Frequency Range	47 ~ 63 Hz		
Ventev BTRM-200 Battery Test Remote Monitor, Ethernet and Serial Communication Enabled	Included		
DC Power Distribution	5-Position Distribution Board		
AC On/OFF Switch	Yes, AC Line Terminal Block Knife Switch		
Maximum Enclosure Power	12V Powered DC Loads up to 62Watts Maximum		
Excess Power	At least 30W Available for Additional Active Equipment		
Battery Low	Shuts Down O/P voltage, When Battery Voltage is 10V (+-0.8V)		
Overload Protections	AC Charging Mode: Constant Current limiting, UPS Mode: Protected by Internal Fuse		Nominally Works Within 110 ~ 150% Rated Power for 3 seconds Then Shuts Down Output Voltage
Overvoltage Protection	Shut Down O/P Voltage, Re-Power on to Recover		
DC Surge Protection	ATO Fuses, Recommend 3 Amp for MDS Radio(s) (Fuses Included)		
System Storage Temperature	-40 to 85C		
Operating Temperature	-10C to 35C		
Humidity	20 to 95% RH Non-Condensing		
Compliance Listings	UL60950-1, TUV EN60950-1 Approved Power Supply/Battery Charger		UL508, TUV EN60950-1 Approved Power Supply
RF Antenna Protection	Terrawave 0-6 GHz Lightning Arrestor (N-Style to N-Style)		
Ground Stud	Included. Bolt style		

**Note 1:** UPS Systems with the battery monitor can be configured for additional radios. Please consult Ventev for required networking equipment.