

Turnkey Modem Enclosures

Ventev supports your remote monitoring and M2M applications with our line of outdoor integrated systems, designed to protect the industry's most popular wireless modems. The Ventev Turnkey Modem Enclosures are plug-and-play, designed with lightweight NEMA 4x enclosures, wired for power and provide both lightning and AC surge suppression.

Ruggedized Enclosure:

Designed for outdoor environments across the United States, the Ventev Turnkey Modem Enclosures enable the use of cellular modems in various mission critical applications. The enclosures are configured with DIN rail for easy configuration and inclusion of additional equipment such as switches, RTU's, sensors or monitors. The NEMA 4X enclosures are made of lightweight gray polycarbonate for a cost-effective solution. They include two ports for power or data entry/exit and can be secured with padlocks.

Robust Power System:

The integrated power system is designed to ensure reliable operation in the continental U.S. The power supply is industrial grade with broad operating temperatures. Using an AC power input ranging from 88 to 264VAC, the system provides 120 Watts at 12VDC to drive the modem and any additional components. The Turnkey Modem Enclosures are configured with additional terminal blocks, an AC surge arrester and a small heating element.

Broadband Antennas:

To maximize RF performance, the enclosure comes integrated with a primary antenna and a second, diversity antenna, when supported by the modem. These low-profile, broadband antennas cover 750MHz to 2700MHz supporting common cellular and PCS frequencies. Further, the antennas have independent ground planes to maximize signal integrity, as well as lightning protection to ensure long term reliability.

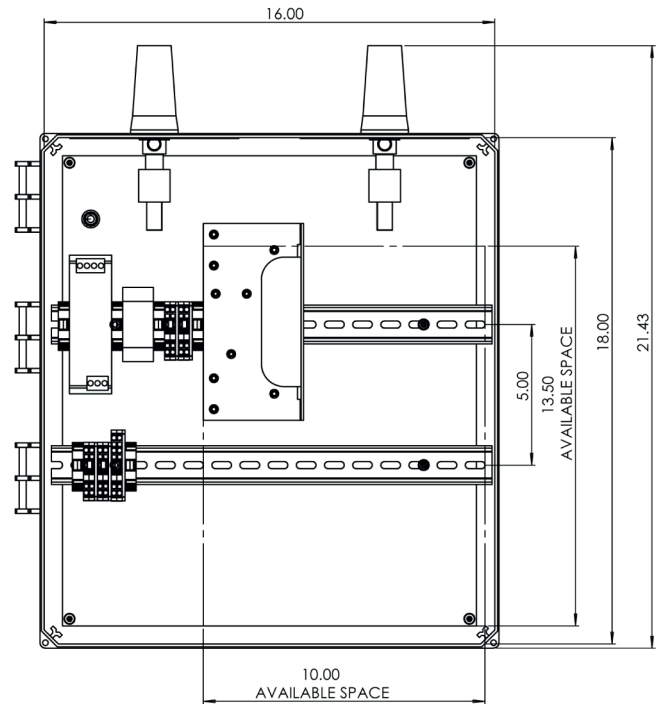


Features:

- Integrated modem wired for power
- AC Input power only (battery backup and solar configurations coming soon)
- Primary & Diversity antennas
- Lightning protection
- DIN rail mounted AC surge arrester and terminal block assembly
- NEMA 4X, lightweight gray polycarbonate enclosure with pad lockable latches
- All power and RF cables are included

System Specifications

AC Input Power	88 to 264VAC 124 to 370VDC
DC Output Power	120W (not including load from modem)
DC Voltage	12V
Rated Current	10A
Protections	Overload Over Voltage Over Temperature
UL Safety	Power supply and AC arresstor
Terminal Block Assemblies	2 extra DC 1 extra AC Cage Clamp Technology
Broadband Antennas	3 dBi gain from 750 to 2700Mhz
External Dimensions	18" x 16" x 10" (HxWxD)



Modem Manufacturer	Model	Part Number*	Service Provider	Integrated System SKU
Sierra Wireless	Raven X	V4228	Sprint	338628
Sierra Wireless	Raven X	V4228	Verizon	368748
Sierra Wireless	Raven XE	V2221	Verizon	348341
Sierra Wireless	Raven XT	G2263	AT&T	358456
Sierra Wireless	Raven XT	V2227	Verizon	318117
Sixnet	IndustrialPro	SN-6601	Sprint	328056
Sixnet	IndustrialPro	SN-6601	Verizon	328620
Sixnet	IndustrialPro	SN-6621	Verizon	388419
Sixnet	IndustrialPro	SN-6801	AT&T	398815

* Customers must activate wireless service with the carrier directly.

Allowances for customer installed equipment:

The Ventev Turnkey Modem Enclosures are designed and configured to accommodate historical temperatures throughout the United States. The power system is designed to handle additional equipment that can be installed by the customer, but it is the responsibility of the customer to check the components' operating temperature range to ensure consistency with the system's specifications. Please consult Ventev if you have any questions.

- Enclosure mounting brackets sold separately
- Ventev is not responsible for any components installed by the customer
- System customizations are available upon request
- Product design and component parts may change without notice
- One year limited warranty

Select the cellular modem from the table to the left. The Ventev Turnkey Modem Enclosures are designed to accommodate each of the listed modems.

Call TESSCO to order your Ventev Turnkey Modem Enclosures with the modem of your choice

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