Integrated AC Power System

Polycarbonate Enclosure
Cisco Devices Optional

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Connect, Protect, and Enable™

Ventev's Integrated AC Power System is designed to be compatible with Cisco's industrial IoT networking and data solution product lines. This combination of Ventev's industry-leading AC power system and Cisco's secure, fixed, full-Gigabit industrial switching platform to enable smart city and IoT applications, and easily extend the enterprise in any location.

The polycarbonate enclosed NEMA 3R AC power system offers a 480 W power budget with up to 275 W for PoE/PoE+, shared across eight ports, to connect PoE-powered devices such as IP cameras, phones, access points, sensors, and more. 205 W can be used for a highly modular router which makes it an ideal solution for remote asset management and future radio upgrades.

Available Models

Enclosure Description	MFG Part #	SKU
AC/DC Power System Only *(Cisco Switch Optional)*	VN183151-3	203994
AC/DC Power System with Cisco IE3200 Switch *(Cisco Switch Model# IE-3200-8P2S-E)*	VP-148A1-00132-0	261875
AC/DC UPS Powered System in Stainless Steel enclosure *(No Cisco Device)*	VN-148D4-07	226319

Features & Benefits

- This design can be fully integrated with a Cisco device of the user's choice allowing for optimum flexibility and changes on the go.
- The polycarbonate enclosure provides protective and cost-effective surrounding for the equipment inside.
- The thermostat controlled fan and vent keep the system cool during the most extreme conditions.
- Includes I/O alarm for monitoring and signaling to external equipment.

All product specifications are subject to change without notice or obligation.

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Specifications

Internal Dimensions	18 x 16 x 10 in.
Weight (Including Battery)	40 lbs.
Environment	Indoor / Outdoor
Application	Smart City, IoT, Enterprise
Input Power	90-264 VAC, 60 Hz, 8 Amp
Output Power	8 PoE+(802.3at) Output Ports, 30 at 54 VDC Peak/Port
Output Voltage	*System:* 55.5 VDC at 480 W (max) *Cisco IE3200:* 25.5 W PoE+ on 8 ports UL 508 approved Industrial Power Supply
Gigabit PoE	10 / 100 / 1000 PoE / PoE+ ports
System Protections	Low voltage disconnect (cutoff voltage 10.5, reconnect voltage 12.5), overload, over voltage (auto-recovery), and over temperature (auto recovery after temp goes down)
Terminal Blocks	AC with knife switch, DC for 48 V with knife switch and ground
Temperature Range	-22° to 113°F *(includes temperature consideration for batteries)*
Enclosure Components	NEMA 3R Polycarbonate, solid hinged lid with louvered vents, rain shields, latch locks, and 75 CFM 48 VDC fan
Enclosure Ports	*2 Ports:* 1 AC input power, 1 data cable *8 Ports:* IP-67 with caps for RJ45 I/O
Antenna Type	*VP-148A1-07I32-1:* 4G/5G GNSS/GPS omnidirectional antenna *2 4G/5G Antenna:* with up to 6 dBi gain (617~960 / 1960~6000 MHz), *1 GNSS / GPS Antenna:* with up to 26 dB LNA gain (1562~1612 MHz).

Additional Accessories

Universal Pole Mount Kit, 12 in. diameter pole
(included with certain models, check factory for details)

MFG Part #:   SKU #:
TWPMK-16-UNIV   339837

Co-Locating Universal Kit for Pole Mount
MFG Part #:   SKU #:
VNV-CLMP-POLE   285425

Co-Locating Universal Kit for Wall Mount
MFG Part #:   SKU #:
VNV-CLMP-WALL   249547

Co-Locating Universal Kit for Corner Mount
MFG Part #:   SKU #:
VNV-CLMP-CORNER   274876

1 in. Diameter RJ45 Compatible Cable Glands
MFG Part #:   SKU #:
RJ-45FT   362226

1 in. Diameter Hole Plugs
MFG Part #:   SKU #:
1/2-NEMA-PLUG   344873

CISCO Solution Partner

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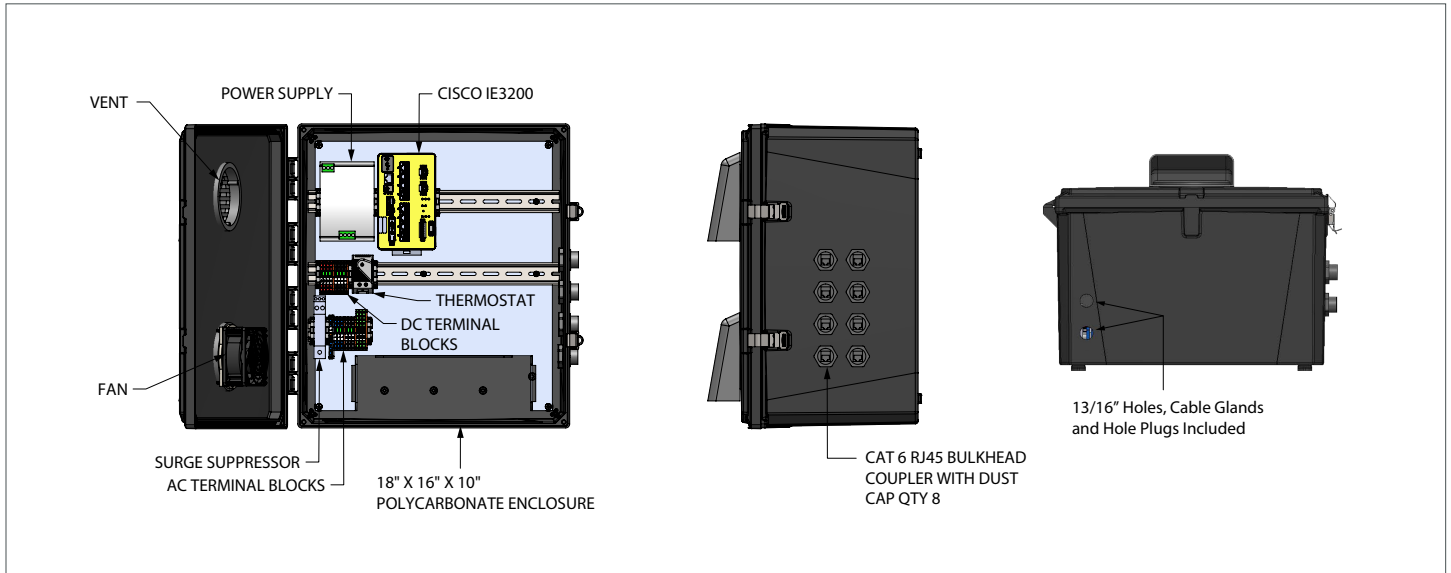
Integrated AC Power System
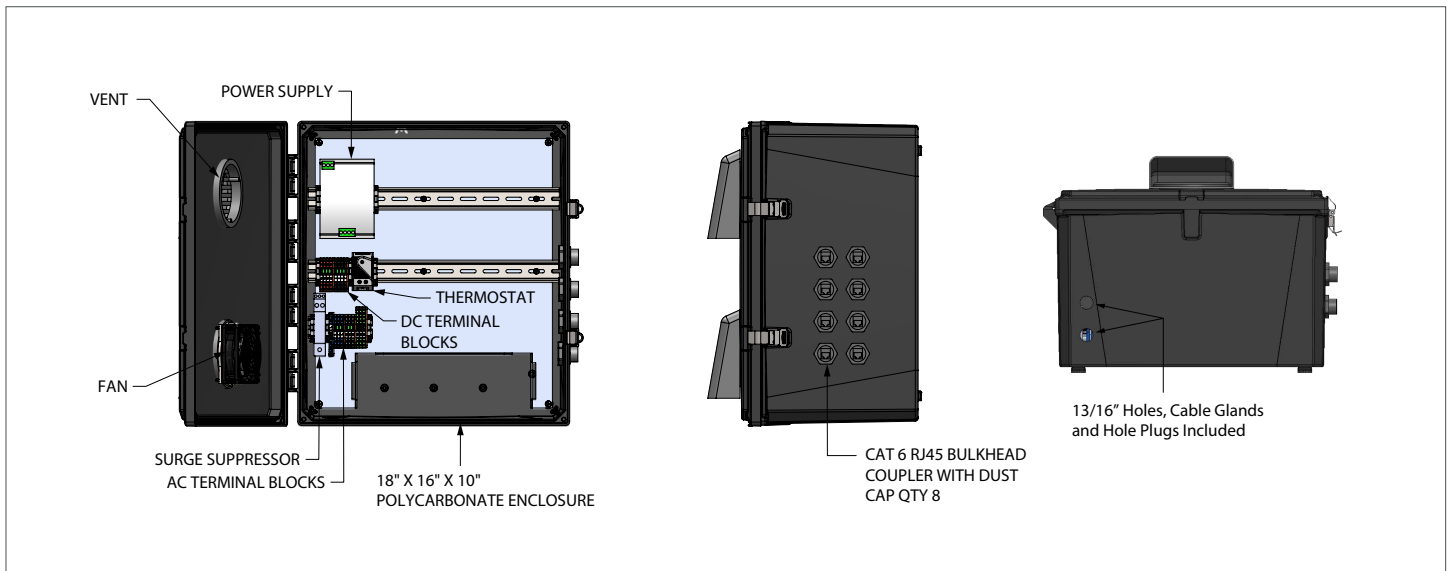*Polycarbonate Enclosure*
Cisco Devices Optional

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Integrated AC Power System with Cisco IE3200 | SKU 261875

VENT
POWER SUPPLY
CISCO IE3200
THERMOSTAT
DC TERMINAL BLOCKS
FAN
SURGE SUPPRESSOR
AC TERMINAL BLOCKS
18" X 16" X 10" POLYCARBONATE ENCLOSURE

CAT 6 RJ45 BULKHEAD COUPLER WITH DUST CAP QTY 8

13/16" Holes, Cable Glands and Hole Plugs Included

AC Power System Only (Cisco Switch NOT included) | SKU 203994

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