

Explosion Proof Enclosures for Hazardous Environments



Ventev's Explosion Proof Enclosures protect wireless equipment in hazardous locations. The durable enclosures are sealed securely for protection from potentially combustible elements. Ideal for industries such as Oil & Gas, Petrochemicals, Pharmaceuticals, Chemical, and others with indoor or outdoor processes that require stringent regulatory control of potential flames or sparks, and where flammable gases or vapors, combustible dust, or easily ignitable fibers and materials exist.

*Please consult with a local electrician to ensure these enclosures are installed properly and are compliant with local/state/county/city electrical code relative to Class 1, Div 1 (Groups B,C, D) and Class 1 Div 2 deployments.

Empty enclosure and antenna coupler meets UL, IECEx and ATEX certifications. (Complete assembly has NO separate certifications)

Ventev's Protective Enclosures are covered by the company's 1-year warranty.

For more information or to purchase, contact Ventev: 800.851.4965 or sales@ventev.com.

SPECIFICATIONS

Skus / Product #: See Page 2

Cover and Enclosure Materials: Cu-Free Aluminum

Gasket Material: Neoprene

Cover Bolt and Hinges: Stainless Steel

NEMA Rating: 4X

Mounting: Wall, Mounting Feet included

Weight: 85 lbs

Internal Dimensions: L12"xW12"x D4"

External Dimensions: (w/o antenna)
L17"LxW17"xD7.3"

FEATURES

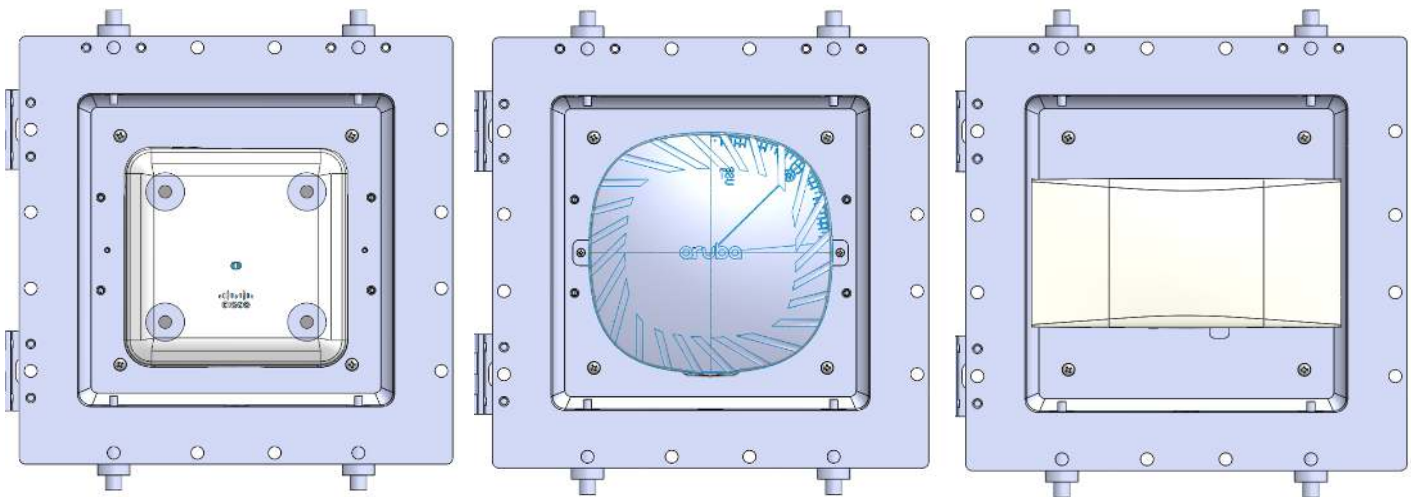
- Explosion proof enclosure and antenna couplers allows use in Class I, Division 1 & 2, Groups B, C, D; Class II, Division 1 & 2, Groups E, F, G; and Class III deployments
- Five ¾" NPT tapped entries (4x for antenna couplers and 1x to bring power in.)
- Aluminum backplate with pre-drilled holes and brackets accommodates most popular APs
- Four explosion-proof antenna couplers from Solexy included. Coupler permits the installation of non-ex certified antennas in hazardous areas. An integrated blocking circuit prevents hazardous energy reaching the antenna if a radio, modem or AP failure occurs. Antennas may be removed and/or installed with power on. Installs with a simple wrench.
- External Grounding Lug installed. Internal grounding through metal backplate.

IMPORTANT NOTE: Empty enclosure and antenna coupler meets UL, IECEx and ATEX certifications. (Complete assembly has NO separate certifications.)

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Product Description	Compatible APs	Enclosure SKU ¹ (NO Antenna Included)	Ventev Part #	Enclosure with Stick Omni Antenna ²	Ventev Part #
Hazardous Enclosure for APs w/ 4x RPTNC Connectors	Cisco 3802e, 9115AXE 9120AXE (External 4 RF ports only)	281173	VXP12124-32-T	284673	VXP12124-32-TSO
Hazardous Enclosure for APs w/ 4x N-Type Connectors	Meraki MR74, MR84 MR76, MR86 Cisco IW3702	273032	VXP12124-32-N	269046	VXP12124-32-NSO
Hazardous Enclosure for APs w/ 4x RPSMA Connectors	Aruba 514, 534 344, 334, 324, 314, 304	228683	VXP12124-32-S	285808	VXP12124-32-SSO

1. Enclosure comes with (Qty 4) Antenna Couplers, SKU 298568, to be installed on site by installer. **Customer needs external antenna with N-Male (plug) to attach to N-Female port of coupler.**
2. Ventev dual band Stick Omni SKU 504085 (Qty 4) included
3. **Explosionproof Antenna Coupler, SKU 298568 (can be purchased separately):** Explosion-proof antenna couplers from Solexy permits the installation of non-Ex certified antennas in hazardous areas. An integrated blocking circuit prevents hazardous energy reaching the antenna if a radio, modem or AP failure occurs. Antennas may be removed and/or installed with power on. Installs with a simple wrench.



Access Point (AP) shown for reference only. APs are not included