

Div 2 Wireless Enclosure System for Division 2 and Zone 2 Hazardous Environments



Ventev's Div 2 Wireless Enclosure system for hazardous environments is ideal for Division 2 and Zone 2 areas. The enclosure is fully certified and enables deployment of Access Points in hazardous areas. This solution is suitable for deployments in indoor or outdoor operations that require stringent regulatory control of potential flames or sparks, and where flammable gases or vapors, dusts and ignitable fibers exist. Ideal for industries such as oil and gas, petrochemical, mining, pharmaceutical, and chemical plants. These enclosures include a Wireless Access Point.

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.

Important Note: This is fully certified ATEX, IECEx and cMETus enclosure solution with Access Point (AP) integrated. Customer supplies AP (free issue) to Ventev for integration into the enclosure on certified assembly line.

SPECIFICATIONS

Skus / Product #: See Page 2

Cover and Enclosure Materials: Marine grade Cu-free Aluminum alloy, Polyester Powder coated finish

Ingress Protection: IP66/ NEMA 4X

Power: IEEE 802.3at PoE Power (M20 tap at bottom of enclosure for Power In. The M20 to 3/4" NPT adapter is included for NA deployments)

Mounting: Wall, Mounting Feet included/ Pole Mount Kit sold separately (contact Ventev sales)

Antenna Port: 4x N-Female (4x on top)

Weight: 40 lbs

External Dimensions: 22.84 x 19.69 x 15.74 in

Certifications

- Ex II 3 (3) G Ex ec [ic Gc] nR IIC T6 Gc
- Ex II 3 (3) D Ex [ic Dc] tc IIIC T85°C Dc
- cMETus Class I, Div 2, Groups A – D
- cMETus Class II, Div 2, Groups F – G
- cMETus Class I, Zone 2 AEx ec ic nR IIC T6 Gc
- cMETus Class II, Zone 22 AEx ec ic tc IIIC T85°C Dc

FEATURES

- Fully certified enclosure for Div 2/Zone 2 hazardous area with Access Point
- ATEX and IECEx Zone 2 and 22 certified; cMETus Class I, II Division 2 and Zone 2 certified
- Intrinsically Safe RF outputs allows use of noncertified antennas
- Tapped hole at bottom of enclosure for PoE Input
- External Grounding Lug installed. Internal grounding through metal backplate
- Simple and quick installation
- Included a Wireless Access Point

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Access Point Models (Included with Enclosure)	Ventev Part Number	Tessco SKU#	Operating Temperature Range (C°)	Operating Temperature Range (F°)
C1 DII Aruba AP344	VNV-C1D2-AP344	283024	0°C - +45°C	32°F - +113°F
C1 DII Aruba AP534	VNV-C1D2-AP534	230617	0°C - +45°C	32°F - +113°F
C1 DII Aruba 518	VNV-C1D2-AP518	239458	-40°C - +50°C	-40°F - +122°F
C1 DII Cisco 3802	VNV-C1D2-3802E	201564	-20°C - +45°C	-4°F - +113°F
C1 DII Cisco 9115e	VNV-C1D2-9115E	268009	-20°C - +45°C	-4°F - +113°F
C1 DII Cisco 9120AXE	VNV-C1D2-9120	223380	-20°C - +45°C	-4°F - +113°F
C1 DII Cisco 9130AXE	VNV-C1D2-9130	258028	-20°C - +45°C	-4°F - +113°F
C1 DII Cisco ESW6300	VNV-C1D2- ESW6300	227727	-20°C - +60°C	-4°F - +140°F
C1 DII Meraki MR76	VNV-C1D2-MR76	241972	-20°C - +50°C	-4°F - +122°F
C1 DII Meraki MR86	VNV-C1D2-MR86	236671	-20°C - +50°C	-4°F - +122°F