

Div 1/ Zone 1 Wireless Enclosure System for Division 1 and Zone 1 Hazardous Environments



Ventev's Div 1 Wireless Enclosure system for hazardous environments is ideal for Division 1 and Zone 1 areas. The explosionproof enclosure is fully certified and enables deployment of Wireless 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, Epoxy 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 (2x top and 2x bottom)

Weight: 64 lbs

External Dimensions: 22.84 x 19.69 x 15.74 in

Certifications

- II 2 (1) GD Ex d [ia IIC Ga] IIB+H2 T5 Gb
- II 2 (1) GD Ex tb [ia Da] IIIC T100°C Db
- cMETus Class I, II, Div 1, Groups B-G
- cMETus Class I, II, Zone 1/21 Groups IIB+H2, III

FEATURES

- Fully certified explosionproof enclosure for hazardous area with Access Point
- ATEX and IECEx Zone 1, 2, 21, and 22 certified; cMETus Class I, II Division 1 and Zone 1 & 21 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
- Includes a Wireless Access Point

Div 1 Wireless Enclosure System for Division 1 and Zone 1 Hazardous Environments

Access Point Models (Included with Enclosure)	Ventev Part Number	Tessco SKU#	Operating Temperature Range (C°)	Operating Temperature Range (F°)
C1 DI Enclosure with Aruba 344	VNV-C1D1-AP344	225894	0°C - +45°C	32°F - +113°F
C1 DI Enclosure with Aruba 534	VNV-C1D1-AP534	293808	0°C - +45°C	32°F - +113°F
C1 DI Enclosure with Aruba 518	VNV-C1D1-AP518	214262	-40°C - +50°C	-40°F - +122°F
C1 DI Enclosure with Cisco 3802	VNV-C1D1-3802	200167	-20°C - +45°C	-4°F - +113°F
C1 DI Enclosure with Cisco 9115e	VNV-C1D1-9115E	226044	-20°C - +45°C	-4°F - +113°F
C1 DI Enclosure with Cisco 9120AXE-	VNV-C1D1-9120	267812	-20°C - +45°C	-4°F - +113°F
C1 DI Enclosure with Cisco 9130AXE	VNV-C1D1-9130	236441	-20°C - +45°C	-4°F - +113°F
C1 DI Enclosure with Cisco ESW6300	VNV-C1D1-ESW6300	242752	-20°C - +60°C	-4°F - +140°F
C1 DI Enclosure with Meraki 76	VNV-C1D1-MR76	238853	-20°C - +50°C	-4°F - +122°F
C1 DI Enclosure with Meraki 86	VNV-C1D1-MR86	231266	-20°C - +50°C	-4°F - +122°F