

# Div 1/ Zone 1 Wireless Enclosure System for Division 1 & Zone 1 Hazardous Environments

Ventev's Div 1 wireless enclosure system for hazardous environments is ideal for Division 1 and Zone 1 areas. The explosion-proof 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, dust, 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.

***All Included Access Points are Configured for USA Domain.***

## Specifications

SKU	See Page 2
Cover & Enclosure Materials	Marine grade cufree 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 in. NPT adapter is included for NA deployments)
Mounting	Wall mounting feet included; pole mount kit sold separately
Antenna Port	Cisco 9130: 8x N Female (4x top and 4x bottom) All other models: 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 & Benefits

- Fully certified explosion-proof 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 and 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.

*\*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.*

*Ventev's protective enclosures are covered by the company's 1-year warranty.*

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

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## Available Models

C1 DI Enclosure with Access Point	MFG Part #	SKU	Operating Temperature (°C)	Operating Temperature (°F)
Aruba 534	VNV-C1D1-AP534	293808	0° to +45°C	32°to +113°F
Aruba 518	VNV-C1D1-AP518	214262	-40° to +50°C	-40° to +122°F
Cisco 9120AXE	VNV-C1D1-9120	267812	-20° to +45°C	-4° to +113°F
Cisco 9130AXE	VNV-C1D1-9130	236441	-20° to +45°C	-4° to +113°F
Cisco ESW6300	VNV-C1D1-ESW6300	242752	-20° to +60°C	-4° to +140°F
Meraki 76	VNV-C1D1-MR76	238853	-20° to +50°C	-4° to +122°F
Meraki 86	VNV-C1D1-MR86	231266	-20° to +50°C	-4° to +122°F

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