



Div 1/ Zone 1 Wireless Enclosure System for Division 1 and Zone 1 Hazardous Environments with Meraki MR86 Access Point 231266

By Ventev
Catalog # VNV-C1D1-MR86

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 the 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. This enclosure includes the Meraki MR86 Wireless Access Point.

Features

- 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*

Certifications

- II 2 (1) GD Ex d [Ia IIC Ga] IIB+H2 T5 Gb
- II 2 (1) GD Ex tb [a 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



Specifications

Cover & Enclosure Materials	Marine grade cu free aluminum alloy, epoxy powder coated finish
Ingress Protection	IP66/NEMA 4X
Power	IEEE 802.3 at PoE power (M20 tap at bottom of enclosure for power in. The M20 to 3/4 in. NPT adapter is included in 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)
Operating Temperature	-4° to +122°F
Weight	64 lbs.
External Dimensions	22.84 x 19.69 x 15.74 in.



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