

TerraWave Solutions® Protective Wi-Fi Enclosures for Potentially Hazardous Environments

Protects Against Flammable Gases or Vapors in Extreme Indoor and Outdoor Work Areas

TerraWave offers a new line of enclosures for extreme applications in hazardous locations where critical safety standards apply. These durable enclosures are designed to house Cisco's 1200 and 1500 series and other manufacturer's wireless products in potentially hazardous working environments. The enclosures securely seal to protect networking equipment from potentially combustible elements. The protective enclosures protect the surrounding environment and enable the use of wireless data applications in a number of industries including oil & gas, petrochemical, pharmaceutical, chemical or others with indoor or outdoor processes that require stringent regulatory control of potential flames or sparks.

The enclosures are perfect for locations made hazardous due to the presence of flammable gases or vapors, combustible dust, or easily ignitable fibers and materials, and areas which are subject to corrosion, weather and dampness.

Materials and Finish:

- Body and cover: Copper-free aluminum and Feraloy iron alloy
- Gasket: Neoprene
- Cover Bolts: Stainless steel and steel
- Hinges: Stainless steel
- Standard Finishes:
 - Natural copper-free aluminum
 - Feraloy iron alloy—electrogalvanized and aluminum acrylic paint
 - Electrogalvanized steel and natural extruded aluminum
- Outside dimensions:
23.313" x 16.125" x 10.875"



Displayed with a TerraWave 2.4 GHz 6 dBi Omni Antenna with N-Style Jack
Antenna is Not Included in Each Kit

TESSCO Part Number: 382432
TerraWave Part Number: TWXP18128-UL
18x12x8 Protective Wi-Fi Enclosure—UL Version
Supports Cisco 1200 & 1500 Series
and Other Manufacturer's Wireless Products
\$7,712.00*

TESSCO Part Number: 331503
TerraWave Part Number: TWXP18128-AT
18x12x8 Protective Wi-Fi Enclosure Kit—ATEX Version
Supports Cisco 1200 & 1500 Series
and Other Manufacturer's Wireless Products
\$7,712.00*

Features and Benefits:

- The enclosure is designed to meet:
 - 1) Class I, Groups B, C, D; Class II, Groups E, F, G; and Class III ratings
 - 2) ATEX— Ⓜ II 2 G EEx d IIB + H2
- The enclosure's antenna fitting is designed to meet:
 - 1) NEMA 7, Class I, II and III Division 1 and 2 Groups A, B, C, and D ratings. No lead seal required
 - 2) ATEX— Ⓜ EEx dm[ja] IIXC T5
- Stainless steel cover bolts
- Ground joint cover opening provides maximum plenty of space for pulling wires or mounting equipment
- Walls of bodies may be drilled and tapped for conduit entries
- Stud bolts in opposite corners of body aid in aligning cover to body during installation
- Captive quick-release hex head stainless steel bolts with spring loaded action provide clear indication that cover bolts are fully retracted from the body
- External flange design provides a wide, unobstructed cover opening to easily access the interior for wiring and electrical equipment
- Square corners of enclosure body provide maximum interior space and area for conduit openings
- Internal grounding lug provides a means to ground enclosed equipment
- Special neoprene cover gasket provides a watertight seal to meet NEMA 4 requirements and provides superior protection against water and corrosion

In addition to enclosures for wireless deployments, these protective enclosures are ideal to house control stations, meters, relays, starters, circuit breakers, terminal blocks and other equipment or devices

*Price for Cisco radio is not included.

List prices shown. Visit www.tessco.com for current prices and complete product offering.

