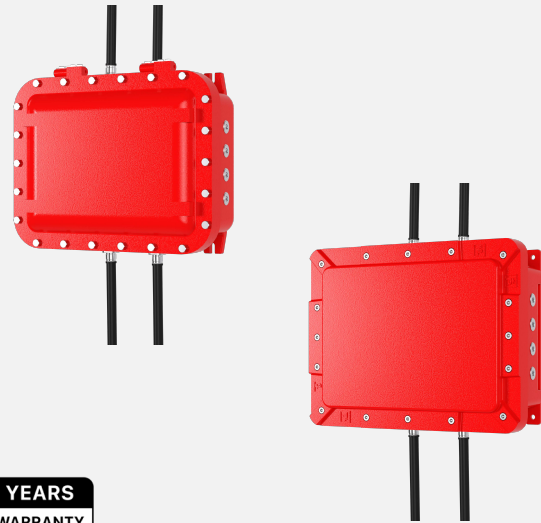


# Spectrum EX-JB-X-H-POE-8-MR76-BD

## Wireless Access Point Junction Box

### Features

- Copper-free aluminum enclosure
- Suitable for operation in Zone 1, Zone 2, Zone 21 and Zone 22
- Suitable for operation in Class I, II Division 1
- Ex d and Ex tb certified
- Gas group IIB+H2
- Degree of protection IP66 or IP66 / IP67, NEMA Type 4X
- Customizable configuration of operators, cable entry quantities and cable gland types as per specification
- Integration of electrical components and operating elements as supplied

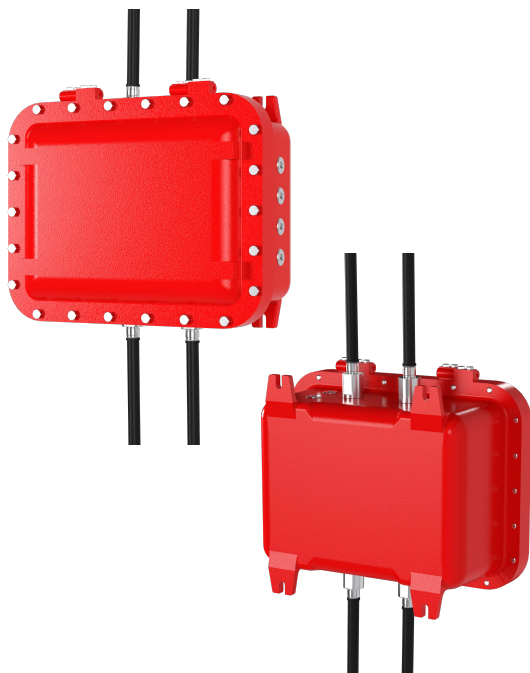


### Description

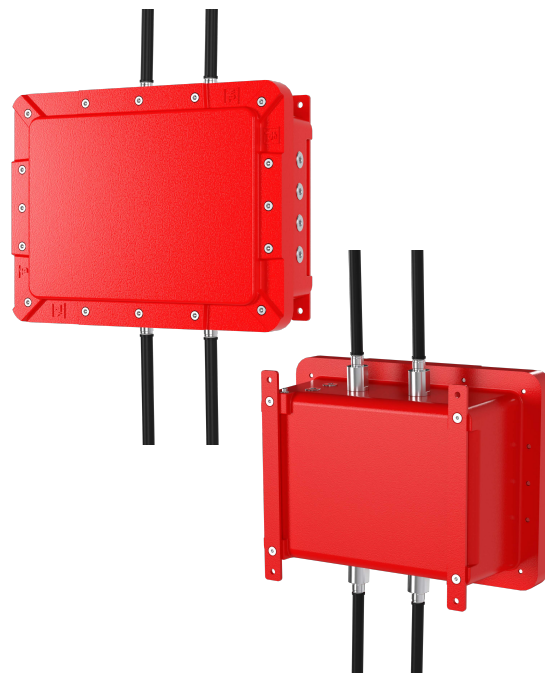
The Spectrum EX-JB-X-H-POE-8-MR76-BD Wireless Access Port JB's are certified Ex d IIB+H2 and Ex tb as well as "explosion-proof". The JB's are supplied complete with a cloud-managed 2x2:2 802.11ax access point that raises the bar for wireless performance and efficiency, a 500W Single Output Slim Style power supply with 31mm of low profile design and a super high-power Network Switch equipped with full 8 port 802.3bt 95W Gigabit PSE ports and 2 x (10/100/1000M TX/1000M SFP) Combo ports. They are manufactured from copper-free aluminum with increased corrosion resistance. This durability as well as the flexible customization options cover the requirements of many industries including offshore and marine applications.

NOTE - The 'X' in the Part Number should be replaced with either 'A' for the Adalet version or 'PF' for the Pepperl & Fuchs version, see below.

Adalet XCE version



Pepperl & Fuchs EJB version



# Specifications

## Spectrum EX-JB-X-H-POE-8-MR76-BD

### General - Wireless Access Point

- 2x2:2 MU-MIMO 802.11ax
- 1.5\* Gbps dual-radio aggregate frame rate
- 24x7 real-time WIDS/WIPS and spectrum analytics via dedicated third radio
- Integrated Bluetooth Low Energy Beacon
- Integrated scanning radio
- Enhanced transmit power and receive sensitivity
- Integrated enterprise security and guest access
- Application-aware traffic shaping
- Optimized for voice and video
- Self-configuring, plug-and-play deployment
- Sleek design blends into office environments
- Full-time Wi-Fi location tracking via dedicated 3rd radio

### General - Network Switch

- Super high-power Industrial Gigabit Switch
- full 8 port 802.3bt 95W Gigabit PSE ports and 2 x (10/100/1000M TX/1000M SFP) Combo ports.
- Can supply PoE to high-power demanding devices including outdoor speed domes, outdoor lamps, or other ultra-high-power PD devices.
- Designed for IP surveillance, traffic monitoring, and for a broad range of applications.
- Can be used as a stand-alone device or can be cascaded/daisy-chain to other devices to cover a wider area through SFP connection.

### General - Power Supply

- Slim and Low profile (31mm)
- Fanless design, 500W convection
- Withstand 300VAC surge input for 5 seconds
- Built-in active PFC function
- -30 to +70°C working temperature
- Protection against Short circuit, Overload, Over voltage, Over temperature
- DC OK active signal and redundant function (option)
- Operating altitude up to 5000 meters
- LED indicator for Power On

### Certifications & Warranty

Explosion-proof  
Certifications

Certifications

Standards

Warranty

TO BE  
CONFIRMED

# Approvals



**SPECTRUM**  
CAMERA SOLUTIONS  
SPECIALIZING IN EXPLOSION PROOF TECHNOLOGY

Control Panel For Hazardous Locations



**LISTED**

FILE:E481600  
DRAWING# 1313-2-SPH

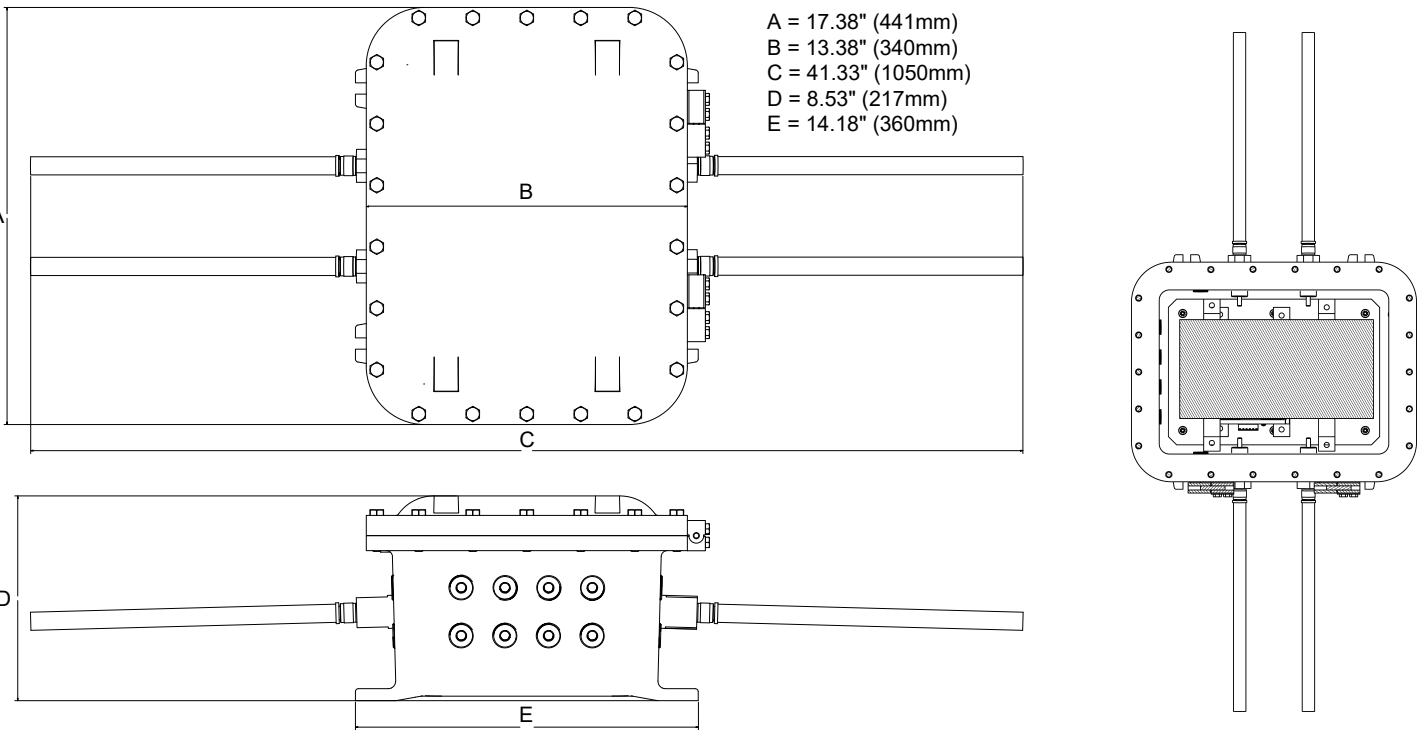
Model:1313-2-SPH  
SN:  
INPUT:120VAC 60HZ 10A  
OUTPUT: IEEE 802.3at 60W

TYPE 4X  
CLASS I DIV 2 GROUPS B,C,D  
T4 Tamb -25C to +40C

# Dimensions

## Spectrum EX-JB-X-H-POE-8-MR76-BD

### Adalet XCE Version



### Pepperl & Fuchs EJB Version

