

EXP-WR-MHS-M1-1XWA.N

Explosion Proof Mobile Hotspot w/ Antenna - Class I, II, III - Unlocked, 5040mAh Battery - USB-C
Product ID: 271972

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

EXP-WR-MHS-M1-1XWA.N Explosion Proof Mobile Hotspot

Listing: NRTL Listed for United States, Canada and International

Device Type: Explosion Proof Mobile Hotspot w/ External Antenna

External Dimensions: 9.13" x 9.63" x 7.18"

Lens Opening: 5.38"

Weight: -

Watts: -

Voltage: -

Maximum Download Speed: 1 Gbps

Maximum Upload Speed: 150 Mbps

Connection Type: LTE CAT 16, 4-band CA and 4x4 MIMO

LTE/4G Bands: 1, 2, 3, 4, 5, 7, 12, 14, 29, 30, 66

3G Bands: 2, 4, 5

Chipset: Qualcomm MDM9x50

Wi-Fi: Full Dual-Band/Dual-Concurrent Wi-Fi; Wi-Fi 802.11 b/g/n 2.4GHz, 12dBm output power; Wi-Fi 802.11 a/n/ac 5GHz, 12dBm output power

Media: Micro SD w/ Media Server/ NAS Capabilities

Antenna Frequency: 2.4 GHz

Antenna Impedance: 50

Antenna Gain: 2 dBi

Antenna Impact Rating: 7 Joules

Hotspot Router Carrier: Unlocked (SIM Card)

Internal Display Type: 2.4" LCD Panel

Amps: -

Ambient Operating Temperature: -

Material: Copper-free Aluminum, Nickel Plated Brass (Antenna)

Enclosure Finish: Electrostatically Applied Powder Epoxy/Polyester Finish

Lens Material: Tempered Soda Lime Glass

Mounting: Surface

Battery Type: Lithium-ion

Battery Capacity: 5,040 mAh

Internal Ports: USB-C (Charging), Ethernet, Antenna

Charging Cable: Non-hazardous USB-C Cable

Ratings/Approvals

Class I, Divisions 1 & 2, Groups B, C, D

Class I, Zones 1 & 2, Groups IIB+H2, IIA

Class II, Divisions 1 & 2, Groups E, F, G

Class III, Divisions 1 & 2

NEMA Type 3, 4, 4X, 7 (B,C,D), 9 (E,F,G)

ATEX/IEC Ex

Ex d IIC T6 or T5

Ex tD A21 IP66 T80°C or T90°C IP66

Ta = -20°C to +60°C

Unlocked Hotspot Carrier

Connect up to 20 Devices

Non-hazardous Charger and USB-C Cable Included

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

The Larson Electronics EXP-WR-MHS-M1-1XWA.N Explosion Proof Mobile Hotspot w/ Antenna offers reliable network connections for up to 20 devices in combustible sites. This battery-powered hotspot provides 1 Gbps maximum download speed and 150 Mbps maximum upload speed.

The carrier of the router is unlocked for use with any preferred and compatible carrier (SIM card). Protected by a copper-free aluminum housing, the unit comes with a non-hazardous charger and USB-C cable for charging in general, non-hazardous areas.

The EXP-WR-MHS-M1-1XWA.N can be used to create a mobile hotspot in Class I, II and III rated combustible facilities. The carrier of this hotspot router is unlocked, which allows customers to use any preferred and compatible carrier (such as Sprint, T-Mobile, AT&T, Verizon and reseller carriers). This unit offers LTE CAT 16, 4-band CA and 4x4 MIMO connections. The explosion proof device works with the following LTE bands: 1, 2, 3, 4, 5, 7, 12, 14, 29, 30 and 66. Compatible 3G bands include: 2, 4 and 5. Powered by a Qualcomm MDM9x50 chipset, the device provides 1 Gbps maximum download speed and 150 Mbps maximum upload speed. An included external antenna boosts the signal of the router during use. This antenna operates on a 2.4 GHz frequency and with an impedance of 50. Equipped with an impact rating of 7 joules, the omni-directional antenna offers a 2 dBi gain.

This copper-free aluminum device has a 5.38" tempered soda lime glass lens to allow individuals to monitor real-time network status displayed by a 2.4" LCD panel. This unit is rated NEMA Type 3, 4, 4X, 7 (B,C,D) and 9 (E,F,G) and designed to withstand the rigors of demanding environmental and operating conditions while remaining robust and easy to use.

Charging: The EXP-WR-MHS-M1-1XWA.N is powered by a 5,040 mAh lithium-ion battery, which offers all day/night operation. An internal USB-C port is available for charging the device in a non-hazardous location. This unit comes with a non-hazardous charger and USB-C cable for use in general, non-hazardous areas.

Mount: The explosion proof unit features cast mounting lugs at the back for surface mounting in combustible sites. This device can also be placed on any flat surface when deploying a temporary mobile hotspot.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

Frequently Asked Questions (FAQ)



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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)