

Iridium Edge First Start

[Main Page](#) > [Accessories](#) > [Iridium Edge](#) > **Iridium Edge First Start**

□

Contents

- [1 First Start](#)
 - [1.1 Wiring diagram](#)
 - [1.2 Installation](#)
 - [1.3 Key Features](#)
 - [1.4 Network characteristics](#)
 - [1.5 Environmental characteristics](#)
 - [1.6 Mechanical characteristics](#)
 - [1.7 Electrical characteristics](#)
 - [1.8 Interface characteristics](#)

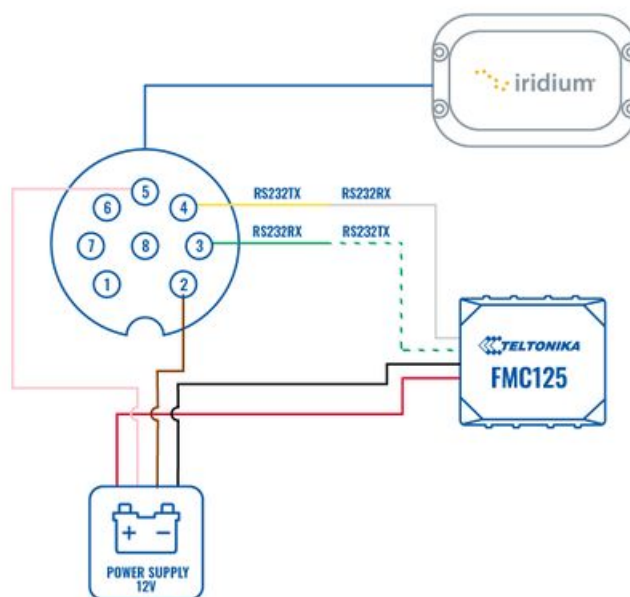
First Start

Wiring diagram

FMX125 device connection to Iridium edge via FMX125 devices.

IRIDIUM WIRING SCHEME

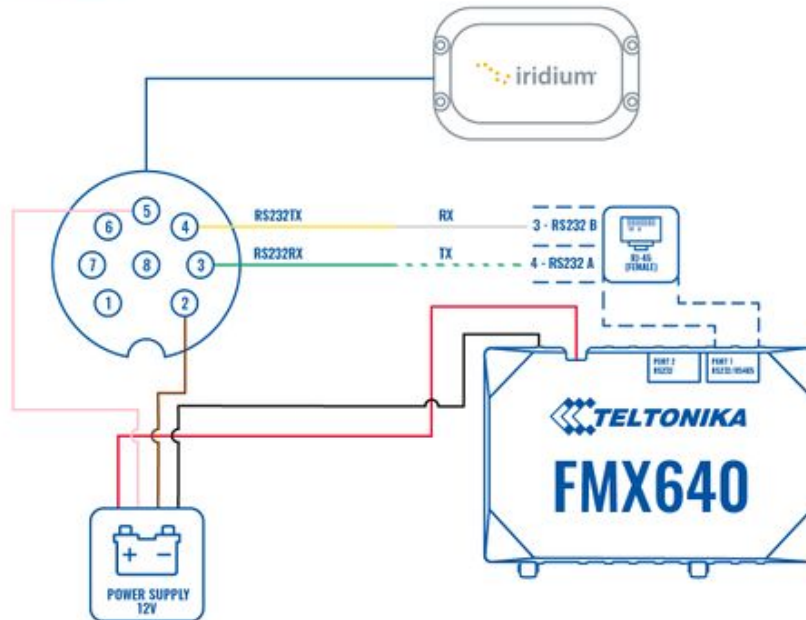
 TELTONIKA | Telematics



FMX640 device connection to Iridium edge via FMX640 devices.

IRIDIUM WIRING SCHEME

TELTONIKA | Telematics



Installation

[Iridium Edge Quick Installation Guide](#) document will show how to install Iridium Edge into the vehicle and prepare the device for configuration with our FMX640 and FMX125 family devices.

Please note: it is essential to follow all the instructions for effective installation, if any further questions arise, please contact your sales representative for more information.

Key Features

- Hardware-Ready Device for Simple, Low Risk Integration
- Satellite Add-On for Truly Global Coverage
- Robust Power Supply for Industrial Installations
- Certified in Key Geographic Markets
- 180° Line of Sight for Compromised, Partially Blocked Locations

Network characteristics

- Frequency: 1616 - 1626.5 MHz
- Message Size: 14 Bytes (Receive), 14 Bytes (Transmit)
- SBD Transceiver: Iridium 9602N
- Antenna: Integrated Iridium® Certified Antenna

Environmental characteristics

- Operating/Storage Temperature Range: -40C to 85C

- Vibration: SAE J1455, Section 4.10

Mechanical characteristics

- Dimensions (LxWxH): 130 x 80 x 30mm
- Ingress Protection: IP 67
- Side & Bottom Cable Exits
- Connector: M12-8 pin male, terminated on 20cm
- Pigtail Cable
- Installation Options: Pole, Screw, Tape
- Weight: 320g

Electrical characteristics

- Power Supply: (9-32V), SAE J1455 Load Dump Protected
- Maximum Power: 1.6W (Peak for Short Transmit Burst)
- Low Power Modes: < 200uA
- Reverse Polarity Protection

Interface characteristics

- RS232 AT Command Interface
- On / Off Control Lines