# DynaGateway EWI

Device that allows automized communication with DynaLoggers, sending the collected data directly to the Dynamox Web Platform using: **Ethernet** or **Wifi**

PN 060400

## Characteristics

| | |
|---|---|
| Dimensions | 250 x 203 x 45 mm |
| Weight | 920 g |
| Material | Lexan Polycarbonate® |
| Color | Gray |
| Operating Temp. | 0ºC ≤ T ≤ 55ºC |

## Software

| | |
|---|---|
| Operating System | FreeRTOS |

## Energy

| | |
|---|---|
| Power Consumption | 10W |
| Power supply | 12 - 24Vdc - 3A |
| **Power cable not included** | |

## Hardware

| | |
|---|---|
| Main CPU | ARM CORTEX-M4 32Bits Frequency up to 100MHz |
| Storage | 8GB SD card (Included) |

## Communication Interfaces

| | |
|---|---|
| Ethernet | 10/100 Mbps<br>Protocols:<br>IEEE 802.3/802.3u (Fast Ethernet)<br>ISO 802-3/IEEE 802.3 (10BASE-T) |
| Wifi 2.4Ghz | Protocols:<br>802.11 b/g/n<br>(802.11n up to 150 Mbps)<br>Freq. Range:<br>2412 - 2484 MHz<br>Tx. Power:<br>20 dBm |
| Bluetooth 2.4Ghz | Protocols:<br>Bluetooth v4.2<br>Low energy technology<br>Freq. Range:<br>2402 - 2480 MHz<br>Tx. Power:<br>5 dBm<br>Range<br>60 Meters (no interference) |
| GNSS | GPS, GLONASS, Beidou, Galileo<br>Freq. Range:<br>1559.0 - 1610.0 MHz |

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