



# Family Letter

2025-03-11

Date:

To whom it may concern,

I-care SRL, located at Rue René Descartes 18, 7000 Mons, Belgium, hereby confirms that the devices designated **"Wireless Gateway GW900-4G-US"** and **"Wireless Gateway GW900-4G-US Ex"** with the model numbers (which are identical to the **PMNs** (Product Marketing Names))<sup>1</sup>

- **WG150161-02**
- **WG150161H-02**
- **WG150161L-02**

are identical in all radio aspects including the following aspects:

- PCB including OpenThread radio microcontroller STM32WB55CGU6 with RF amplifier SKY66118-11 and antenna, 4G cellular module EG915UEUAB, AC-DC and DC-DC power supply converters
- Enclosure, incl. seal and mounting screws
- radio configuration (identical firmware)

The only design differences are due to the additional Ex (HazLoc) protection for models WG150161H-02 and WG150161L-02. Components added to WG150161-02 are:

- Overtemperature protection
  - 4 resettable thermal protection devices (P1 and P2)
  - 1 permanent thermal protection device (P4)
- Heat management: Thermal pad below PCBA
- The power cable is connected to either the AC or DC terminal.
- Coating of the PCBA Bectron SK 75V2-35 / SH 79V5-35 1:1 ("Encapsulation").
- Cable gland made of metal in accordance with UL2225, which requires a protective earth conductor to this component. This cable gland replaces the plastic one used for WG150161-02.

**HVIN WG150161R13** applies to all model numbers above.

Sincerely,

*Fabrice Brion*

Fabrice Brion  
CEO


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<sup>1</sup> WG150161-02 with designation Wireless Gateway GW900-4G-US (Non-Ex only)  
WG150161H-02 with designation Wireless Gateway GW900-4G-US Ex (with AC only)  
WG150161L-02 with designation Wireless Gateway GW900-4G-US Ex (with DC only)

# Audit trail

## Details

FILE NAME                      Family Letter - 07/03/2025, 12:21

STATUS                          Signed

STATUS TIMESTAMP            2025/03/11  
07:58:25 UTC

## Activity



SENT

ulrich.weinsdoerfer@icareweb.com **sent** a signature request to:  
• Fabrice Brion (fabrice.brion@icareweb.com)

2025/03/07  
11:22:13 UTC



SIGNED

**Signed** by Fabrice Brion (fabrice.brion@icareweb.com)

2025/03/11  
07:58:25 UTC



COMPLETED

This document has been signed by all signers and is **complete**

2025/03/11  
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The email address indicated above for each signer may be associated with a Google Account, and may either be the primary email address or secondary email address associated with that account.