

# G6 CAN Receiver

CAN ready for high-level safety and control



## Technical information about G6 CAN

- **Dimensions:** (W × D × H) 138 × 49 × 118 mm / 5.4 × 1.9 × 4.6 inches
- **Weight:** 560 g / 1.2 lb
- **Protection category:** IP67/UL50E Type 6
- **Operating temperature:** (Celsius / Fahrenheit) -25 °C to +70 °C / -13 °F to +158 °F
- **Safety classifications:** IEC 61508 / ISO 13849-1 Safety classified hardware outputs:
  - LOOP = SIL 3/PL e
  - STOP\_OUT = SIL 3/PL e
  - ACT\_MOV = SIL 3/PL e
  - CAN bus CANopen and Safety CAN
- **Overload protection:** Yes (for the safety classified outputs)
- **Radio frequency bands:** 868 MHz, 915 MHz, 2.4G Hz
- **Frequency management:** Automatic frequency hopping
- **Range:** (typical) > 100 m
- **Power supply to receiver:** 12/24 VDC (Absolute maximum ratings 9-36 VDC)
- **Fuse:** Use external fuse 10 A
- **Current consumption:** < 200 mA (excluding external loads and in radio mode)
- **BLE:** Available for configuration via Scanreco Modulate software
- **Connector type:** AMPSEAL 14-pin
- **Cable control:** Optional, requires external connector

Developed for professional use, the G6 CAN receiver is streamlined for machinery with a master controller. Delivered with CANopen as standard – and an optional CAN safety protocol – it offers built-in stop signals and robust safety outputs. Whether paired with Micro or Mini Flex transmitters, G6 CAN targets advanced applications that demand extra reliability and a lean, CAN-centric design. With an IP67 rating and a wide operating temperature range, it maintains stable performance in harsh climates, ensuring you can deploy advanced CAN features where they matter most.

## Why choose G6 CAN?

### Professional-grade durability

Sealed to IP67 standards, G6 CAN performs reliably from -25 °C to +70 °C (-13 °F to +158 °F). It outlasts mechanical shock and intense vibrations, making it well-suited for extremely harsh conditions.

### Added safety

Our SIS<sup>TM</sup> modular safety design enables advanced functional safety while maintaining programming flexibility.

### Efficient, global operation

A frequency-hopping radio covers dual-bands 868 MHz/2.4 GHz and 915 MHz/2.4 GHz bands, letting you deploy machines worldwide.

### High safety compliance

Pairs with Scanreco's Micro Flex or Mini Flex transmitters to deliver functional safety levels SIL 3 and PL e outputs both as CANsafety protocol and hard-wired signals.