

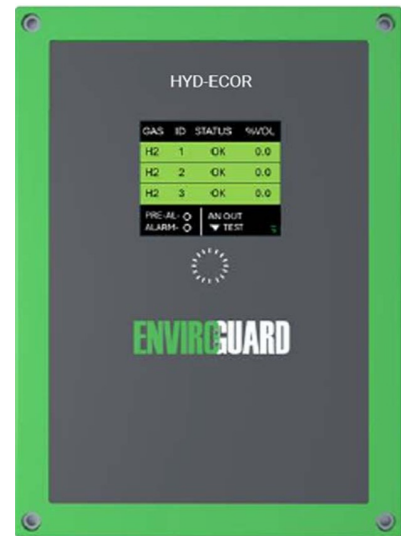


# HYD-ECOR Hydrogen Gas Detector Repeater

The HYD-ECOR is a repeater compatible with HYD-ECO hydrogen gas detectors from software version 1v3 onwards. It can be configured as part of a Hydrogen gas detection system incorporating 3 \* HYD-ECO units.

## Features

- » **Multi-Device Monitoring:** Displays up to 3 detectors via Modbus
- » **Visual & Audible Alerts:** Color-coded TFT display with >80 dB alarm
- » **Dual Alarm Levels:** Pre-alarm at 1% H<sub>2</sub> and alarm at 2% H<sub>2</sub>
- » **Analog Outputs:** Selectable 0(2)-10V or 0(4)-20mA, linearly scaled
- » **System Integration:** 10A relays, fire alarm output, and strobe support
- » **Power & Setup:** 90–250V AC with configurable network settings



## HYD-ECO Hydrogen Gas Detector Specifications

- » **Target Gas:** Hydrogen 1% Vol (warning), 2% Vol (Alarm)
- » **Operating Environment:** -10 – 40 °C
- » **Housing Material:** ABS PA765
- » **Flame Retardant** UL 94V-1
- » **Display:** 1.8" TFT
- » **Rated Voltage:** 90-250 VAC
- » **Electrical Safety & EMC:** CE / UKCA
- » **BS EN 61010-1:2010 +A1:2019. & BS EN 50270 / FCC CRF 47 part 15B**
- » **Dimensions (H x W x D):** 5.95 x 4.37 x 1.97 in (151 x 111 x 50 mm)
- » **Weight:** 7.5 oz
- » **Design Life Years:** 10



HYD-ECO



[Watch this short video to learn more](#)