

HYVIEW®

Display that turns hydrogen data into actionable control signals



The HYVIEW display pairs with an H2scan hydrogen sensor providing hydrogen concentration. Installation takes a few hours in order to showcase hydrogen accuracy. The display adds the ability to read hydrogen data allows the operator greater real-time access to important reliability and safety information.

FAST DEPLOYMENT



HOURS, NOT WEEKS

Deploys quickly using existing wiring and infrastructure.

NO MEASUREMENT LOSS



PRESERVE HYDROGEN ACCURACY

Maintains the full accuracy of the GRIDSCAN or HY-ALERTA hydrogen measurement.

LEGACY SYSTEM READY



4-20 mA OUTPUT

Connects directly to SCADA, PLCs and existing control systems.

WORKS WITH YOUR SETUP



PLUG AND PLAY SETUP

Automatically configures compatible GRIDSCAN sensors with no computer required.

BUILT FOR THE FIELD



RUGGED AND RELIABLE

Designed for harsh utility environments and outdoor installations.

CYBER-SECURE DATA PATH



AIR-GAPPED ANALOG OUTPUT

Provides continuous analog monitoring without network connectivity.



FEATURES

- Explosion Proof (P/N: 105904)
- Wide-angle viewing display and Modbus accessible data
- NEMA Rated Enclosure Unit (P/N: 105903)

RATED FOR HARSH ENVIRONMENTS

- IP68 enclosure
- Rated for hot, cold, salt water and submersible conditions
- Rugged die-cast aluminium housing

HYVIEW®

H2scan brings situational intelligence to hydrogen-critical environments. HYVIEW transforms hydrogen sensor data into clear, real-time visibility, helping operators monitor conditions, identify developing risks, and make faster, more informed decisions to protect people, equipment, and operations.

GENERAL SPECIFICATIONS

Dimensions	144 x 133 x 106 mm (5.67 x 5.25 x 4.18 in)
Alarm Indication	Flashing display plus HI/LO indicators
Programming Method	Four through-glass buttons when cover is installed. Four internal push buttons when cover is removed.
Input Power	9-30 VDC, 2.2 W
Isolation	500 V power-to-RS-485 serial communications. 500 V power-to-analog-output
Non-Volatile Memory	All programmed settings are stored in non-volatile
Enclosure	Explosion-proof die-cast aluminium with glass window, corrosion resistant epoxy coating, copper-free (0.3%)

SCAN AND UPDATE RATE

Ambient > -20°C (-4°F)	Modbus PV scan rate programmable from 2 to 99 seconds per PV. Tag and units programmable for 1 to 5 sec alteration
Ambient < -20°C (-4°F)	All Modbus scan, alternating units and tags 1 update/ 10 sec minimum

DISPLAY

Top Display	Five digits (0 to 99999), 17.8 mm (0.7 in) high, 7-segment
Bottom Display	Seven alphanumeric characters, 10.2 mm (0.4 in) high, 14-segment
Symbols	High alarm, low alarm, sleep mode/disable password lock

ENVIRONMENTAL

Operating Temperature Range	-40°C to 75°C (-40°F to 167°F)
Storage Temperature Range	-40°C to 75°C (-40°F to 167°F)
Backlight Deactivated Temperature	-20°C (-4°F)
Relative Humidity	0 to 90% non-condensing

INSTALLATION

Mounting	May be mounted directly to conduit. Two slotted flanges for wall mounting or NPS 1 1/2 to 2 1/2 or DN 40 to 65 mm (1.5 to 2.55 in) pipe
----------	---

CERTIFICATIONS

CSA
CE
EX (P/N: 5902)
EX (P/N: 5903)

