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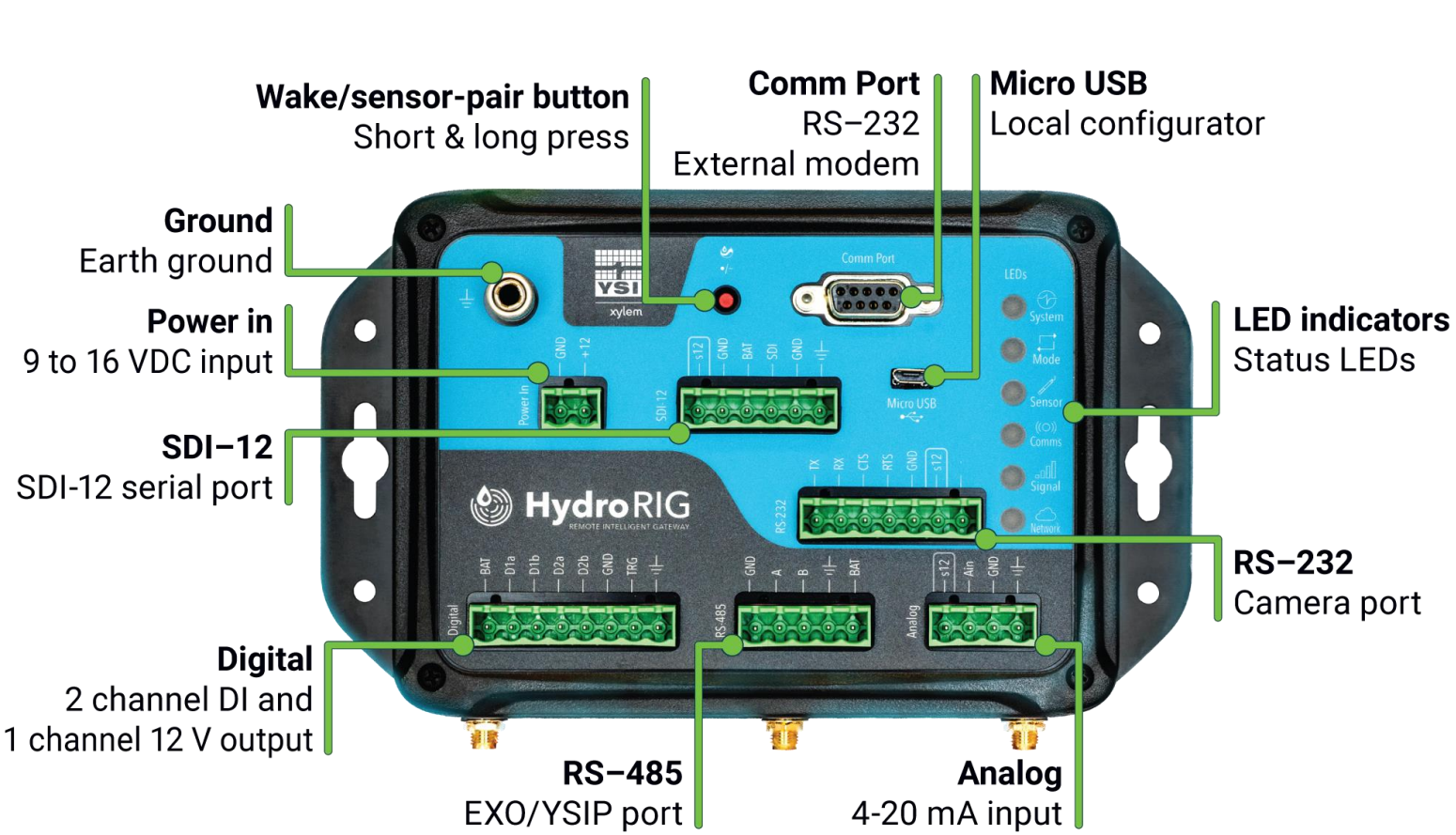
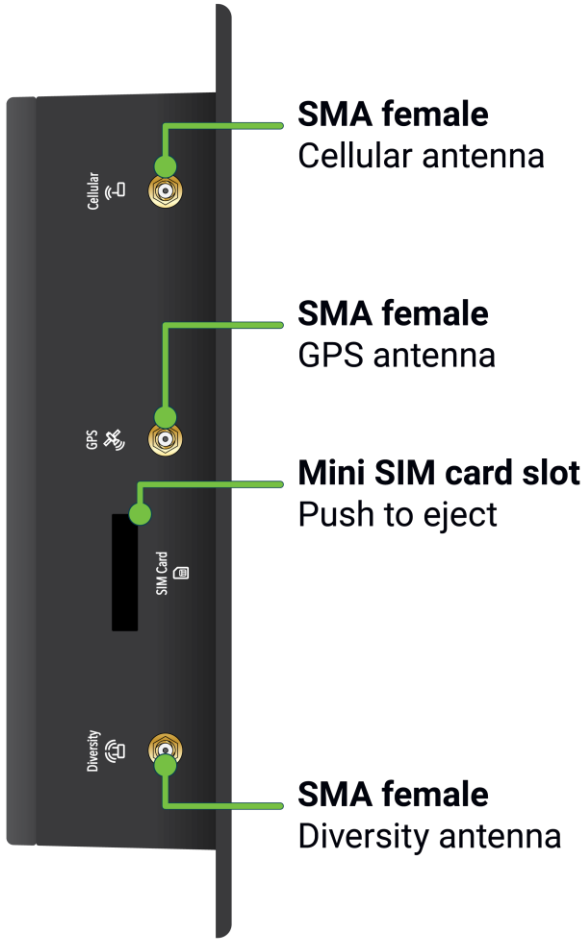
HydroRIG Training

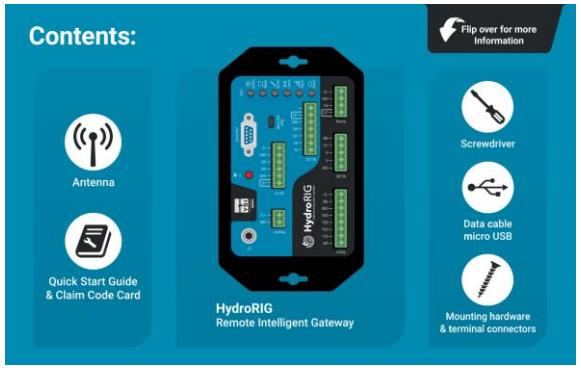
Oct 6, 2025

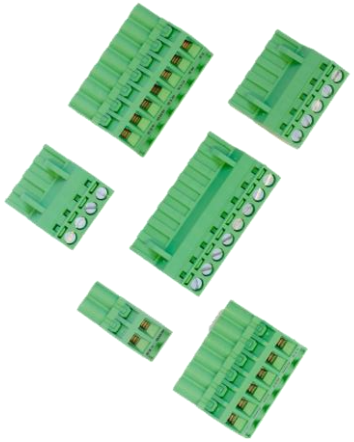
HydroRIG key features





What's in the Box?





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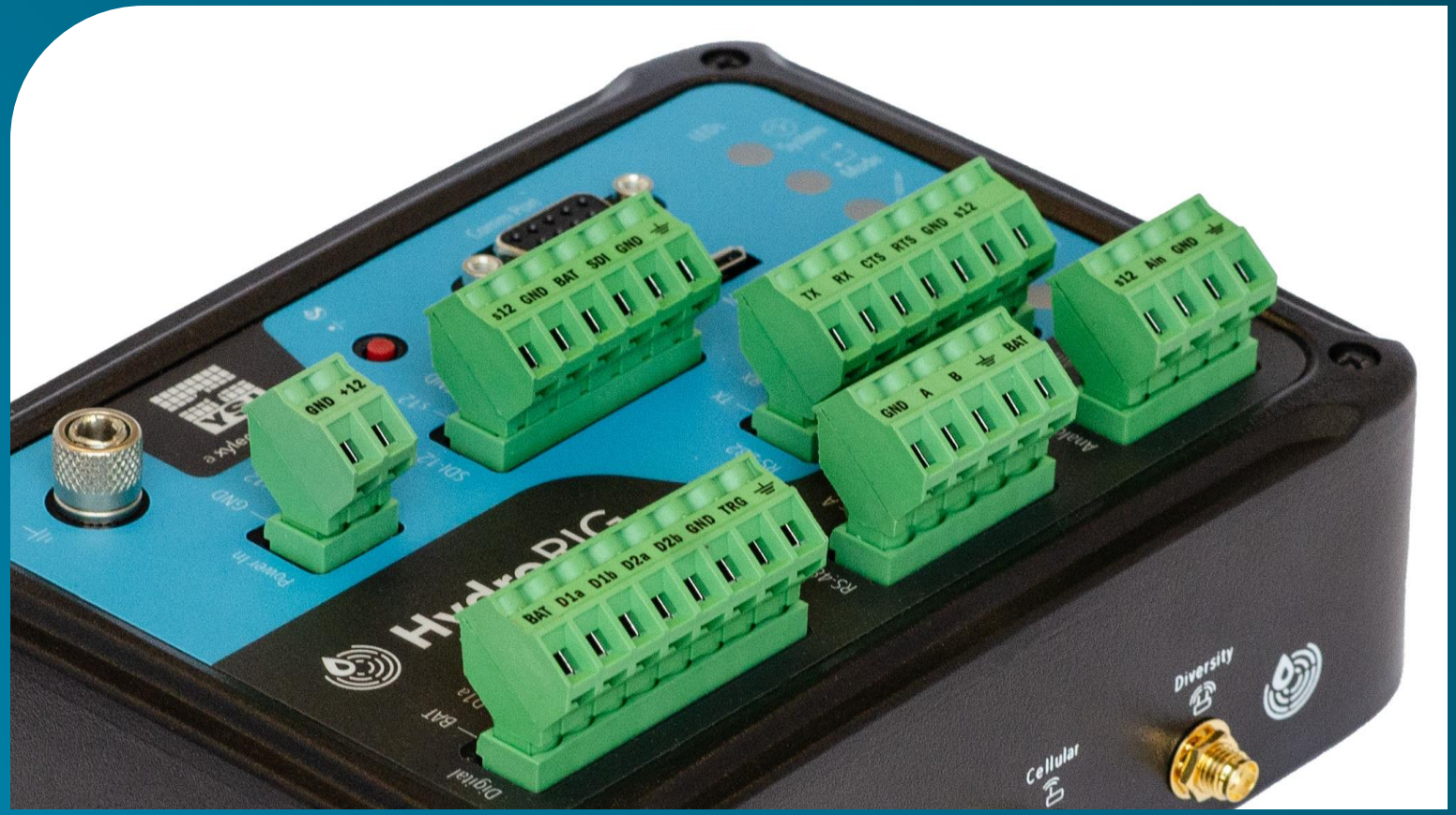
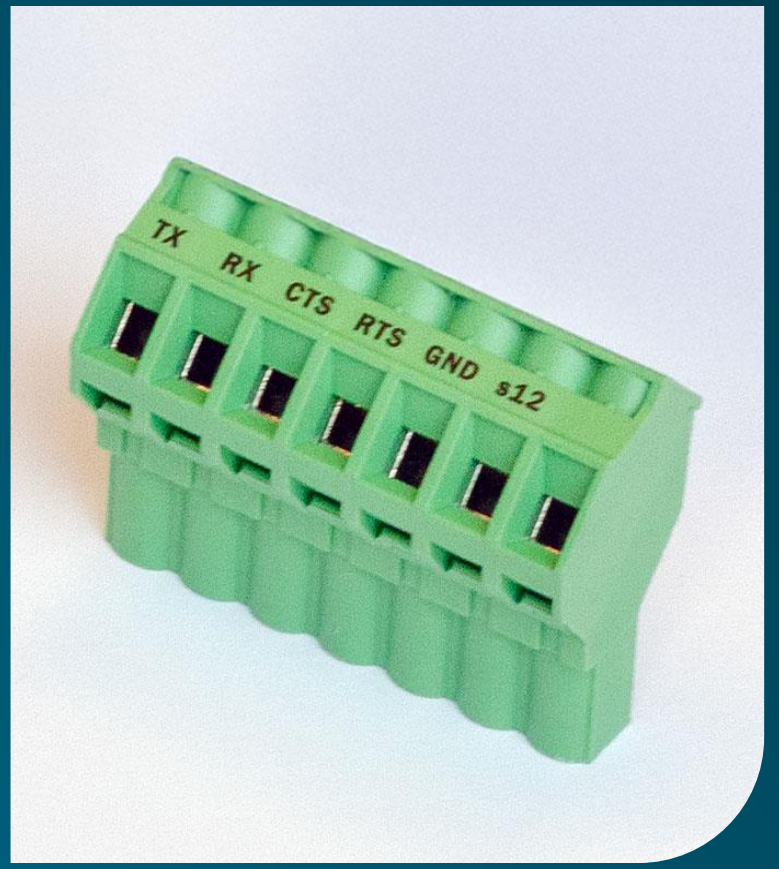
Making wiring easier!

I/O Connectors – Silk Screened Labels





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RS-485

SDI-12

Pulse/Digital

4-20 mA

External Modem*

GOES/
Iridium

Camera port*

**The internal GPS, RS-232 port, and external Comm port functionalities are currently in development and will not be available at launch. Please visit YSI.com/HydroRIG for the current list of features.*

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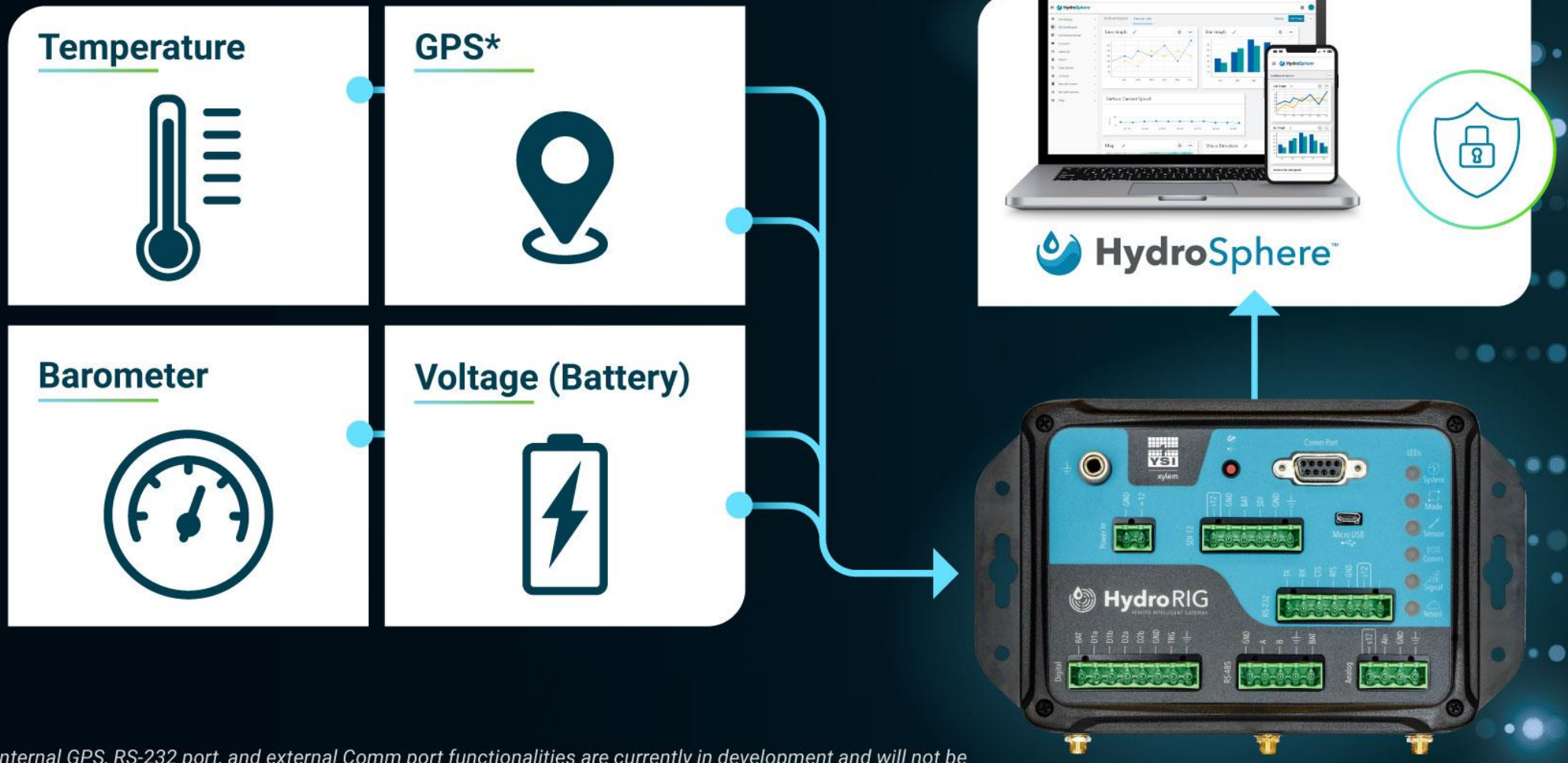

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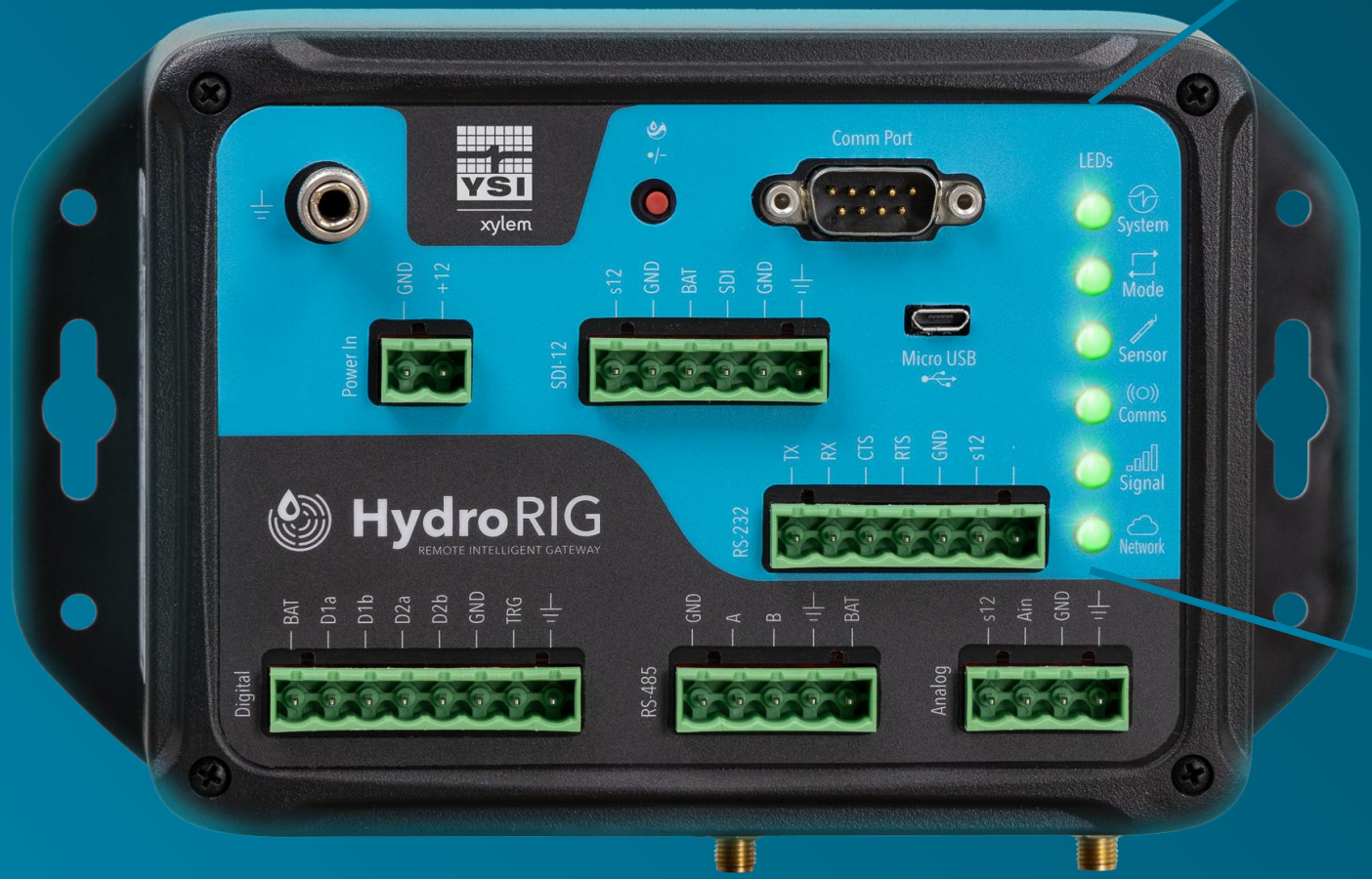

System	Indicates the connection with HydroSphere
Mode	Indicates if the HydroRIG is configuring or deployed
Sensor	Indicates if the sensors are working properly
Comms	Indicates if there are any faults with the gateway
Signal	Indicates the signal strength
Network	Indicates the connection with the server

LED indicator colors:

Green Amber Red

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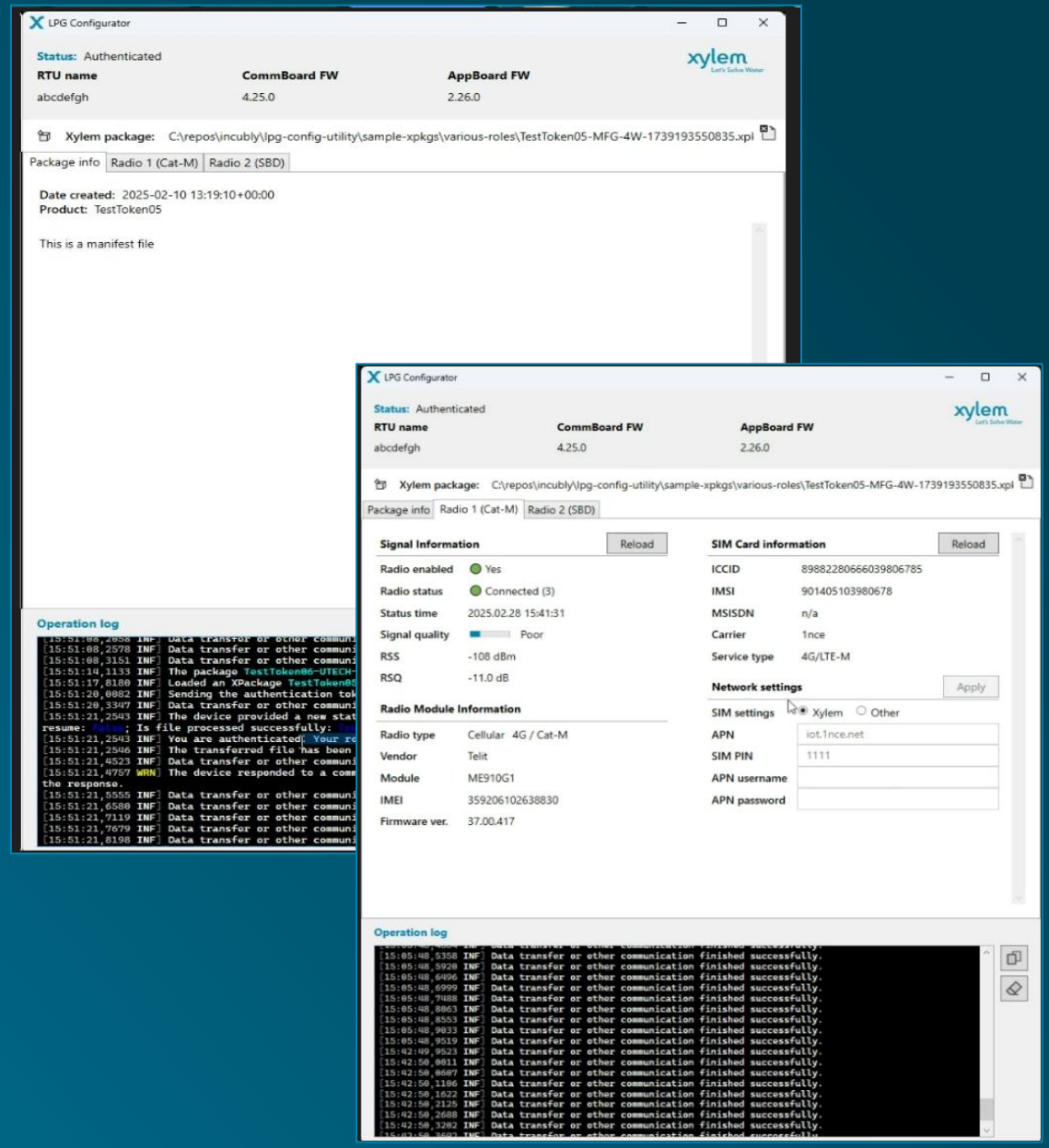
HydroRIG

LPG Configuration Tool

- This will be a local application used to:
  - Direct connect to HydroRIG via micro-USB
  - Get real-time connectivity information
    - Are the HydroRIG' s interfaces connected?
  - Statistics on the cellular modem
  - Set the APN (Access Point Name)
  - Update firmware if needed "last resort"
  - Access to features is set by user type: Admin/Technician/Viewer



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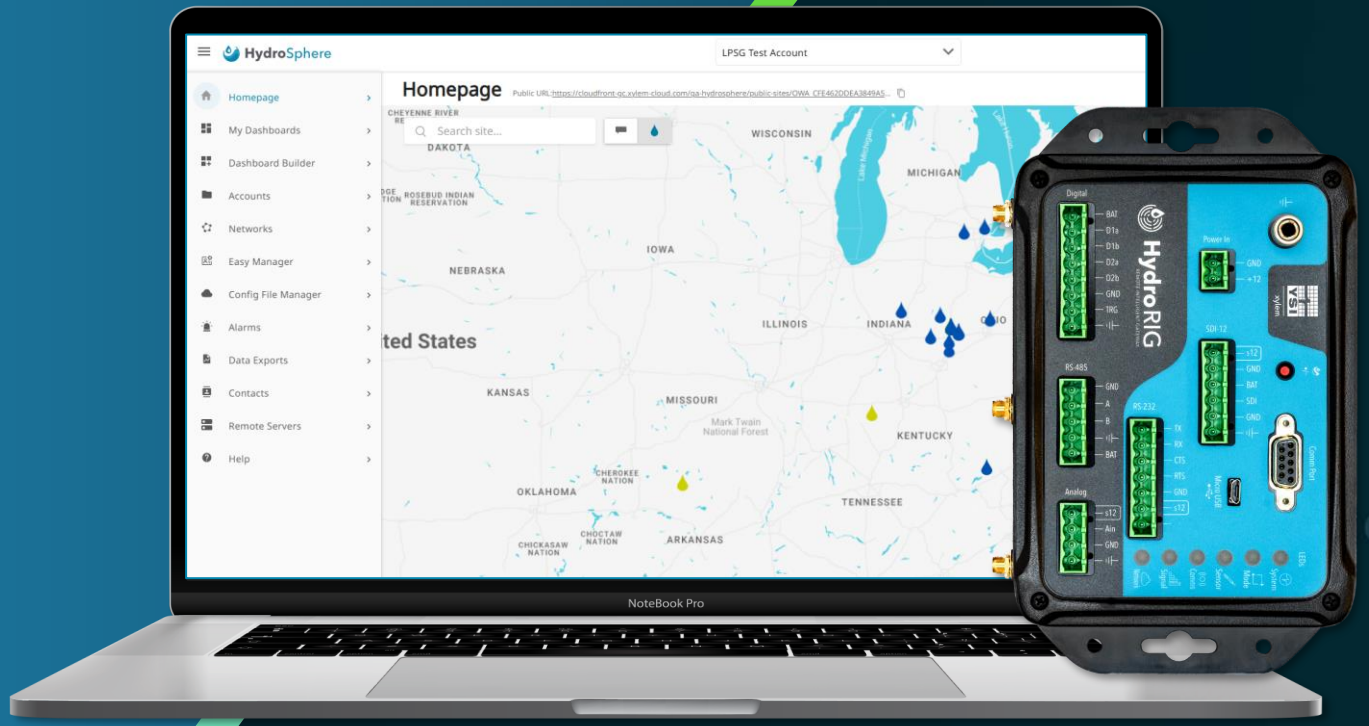
Let's Solve Water

Live demo

HydroRIG & HydroSphere



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Thank you!

YSI.com/HydroRIG