PIT TALK

February 7, 2023

Oregon RFID

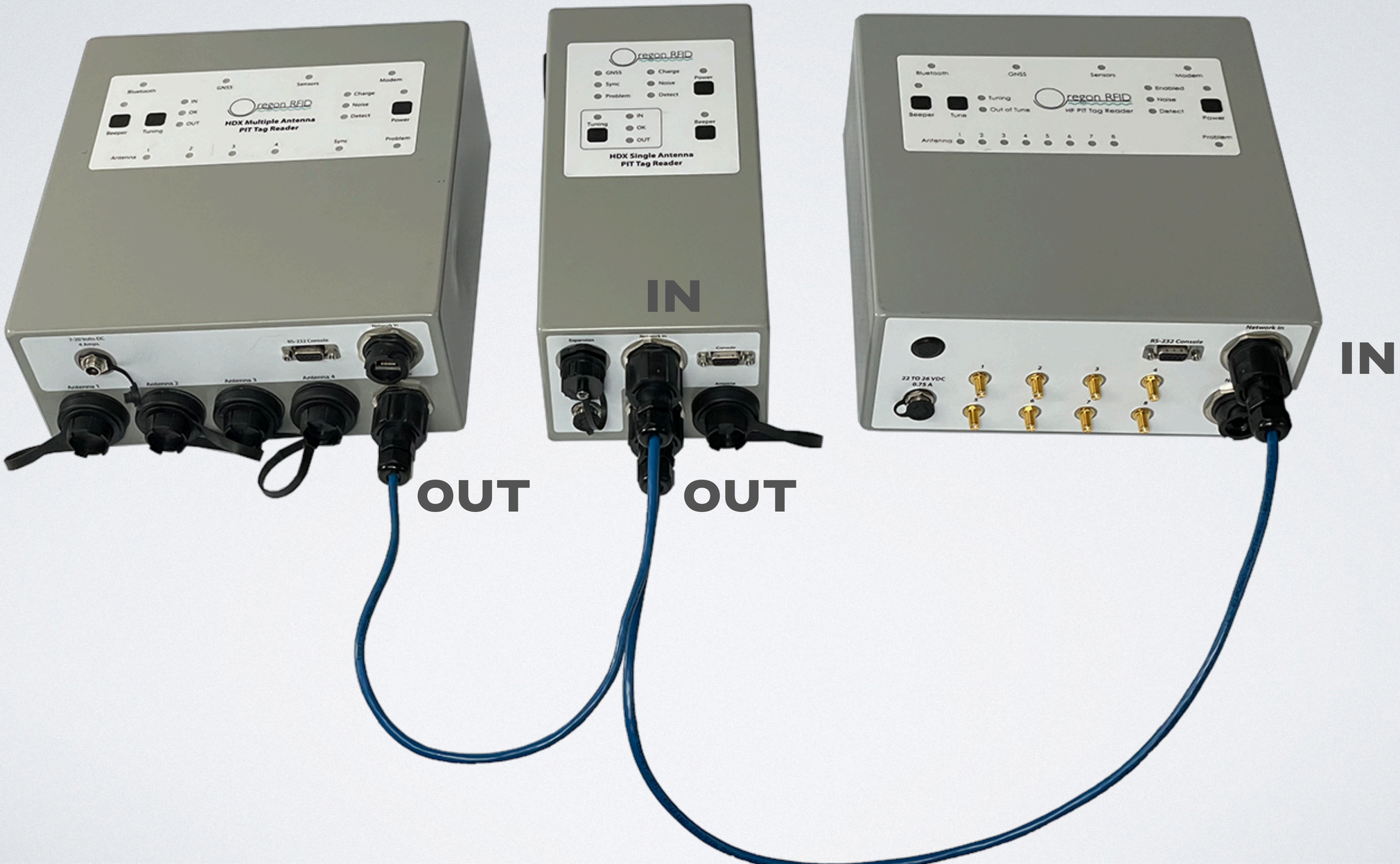
Proudly serving our customers for 20 years

NEW FEATURES IN 2.0 FIRMWARE

- Reader network - remote access to command consoles
- Long beep when battery exhausted
- BC command to export/import reader configurations
- AS command to start scanning after tuning in standby

READER NETWORK

- Connect readers using CAT5 ethernet cable
- Can be up to 1000 meters long between readers
- Waterproof RJ45 connectors included with reader
- Time of day clocks are synchronized
- HDX charge pulses are synchronized


HDX Multiple Antenna
PIT Tag Reader
HDX Single Antenna
PIT Tag Reader
HF PIT Tag Reader
IN
OUT
OUT
IN

READER NETWORK

- NL command lists all readers on the network
- SL selects one reader to remotely access the console

```
HZGB> NL
          Type  Version   St  Mode  SupplyV   EffA     New/Recs   Beep Site Name
Host  MUX ORMR  V1.999    OK   Z     13.6      0.1                  1  Multiple Ant Reader
  1   SGL ORSR  V1.999    OK   R     12.4      0.1     25 / 430     0  Single Ant Reader
  2   HFR ORHF  V1.999    OK   S     24.6      0.2    156 / 156     1  HF Reader
```

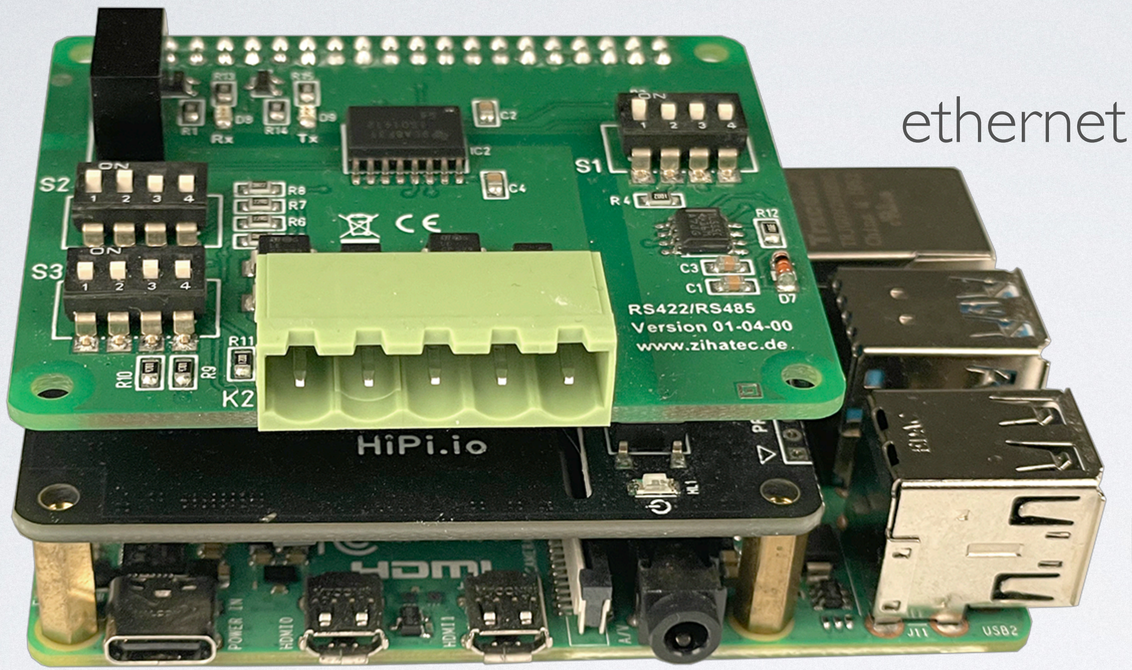
Site Code

NETWORK BRIDGE

- Raspberry Pi support later this year
- Access to internet
- email, FTP, cloud storage, web server, telnet
- SQL database, custom apps, Python, R

Preliminary

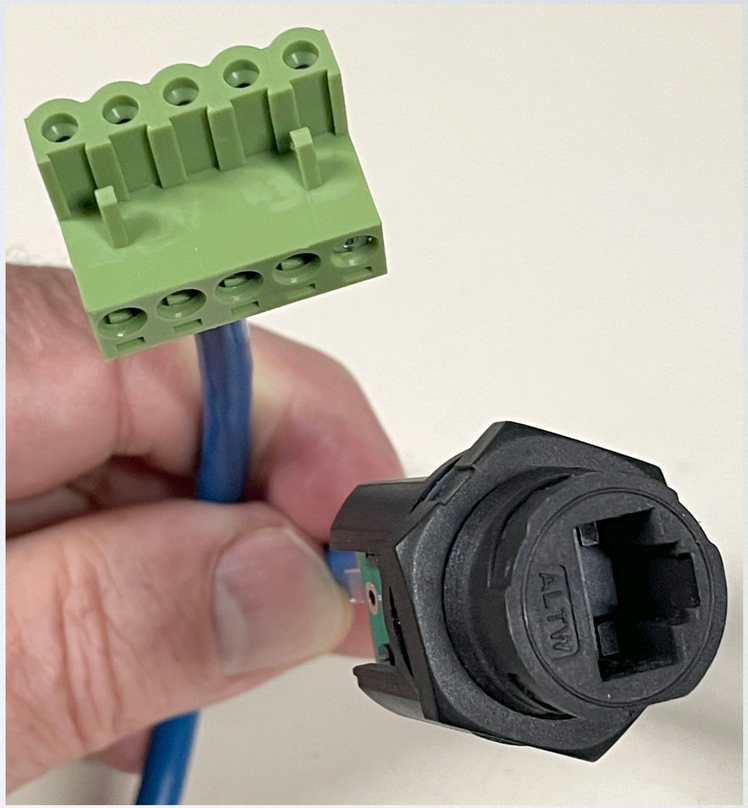
RS422 HAT



ethernet port

Shutdown power

USB ports

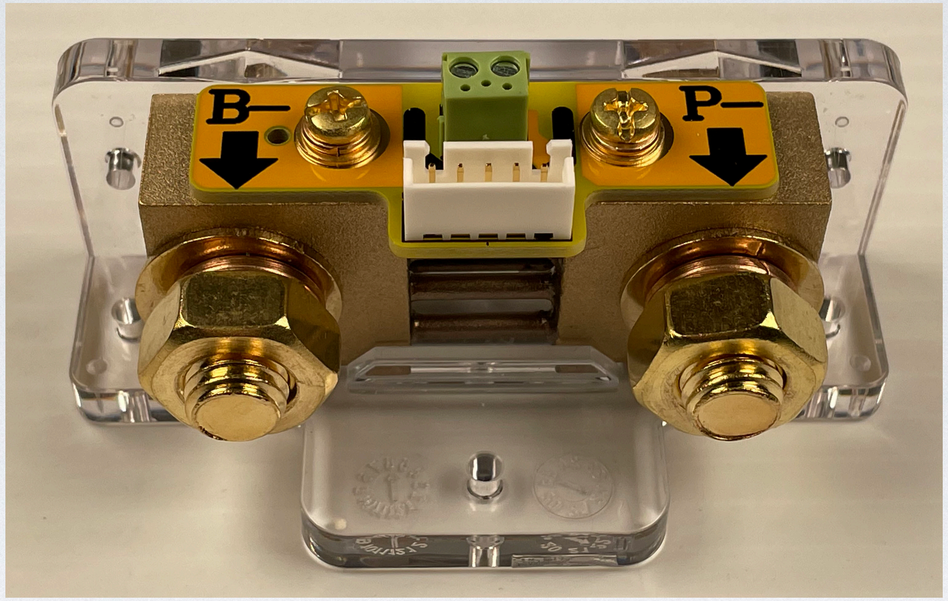


5V USB power

HDMI video

depending on model WIFI, Bluetooth

BATTERY METER



Current shunt

Volts

Fill %

Ah in battery

Amps

Gowe Lithium Iron Phosphate 12 Volt 130AH Deep Cycle Lifepo4 12V 130ah Lithium Ion Battery RV/Solar System/Golf Carts

Visit the GOWE Store

★★★★★ 1 rating

Brand	GOWE
Battery Cell Composition	Lithium Ion
Unit Count	1 Count
Voltage	12 Volts

Color: **1 Pcs 12V 130Ah**

- 2 options from $469.00
- **2 options from $569.00**
- 2 options from $599.00
- 2 options from $369.00
- 2 options from $926.00

CONFERENCES

AFS CalNeva Chapter Long Beach

AFS WA-BC Chapter Bellingham Antenna workshop

AFS Western Division Boise

Latin America and Caribbean Fisheries - Cancun

Animal Behavior Society - Portland

Fisheries Society of the British Isles - University of Essex

AFS National Meeting - Grand Rapids