

MARCH 27<sup>TH</sup>, 2020  
**PRODUCT UPDATE**

## WS2H/WS3 UPGRADE

We have completed and released the WS2H/WS3 upgrade.

Current/Old LCD Design



**NEW** Monochrome Graphics



Current/Old Main Board



**NEW** Main Board



Current/Old Optional Systems Board



**NEW** Relay Daughter Board



Current/Old AC Power Supply



**NEW** DC Power Supply



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Here is a list of changes we made in this upgrade:

- New Monochrome Graphics Display on the POD
- New Multi-Language capability
- Added Lithium Coin Cell Battery for keeping the real-time-clock running during a power loss (can be replaced)
- New high efficiency DC switching power supply
- New daughter board concept to add relays to the system, up to 2 daughter boards
- New micro USB port used for updating software in the field and for future updates
- New Main Menu selections for easier programming
- Main board now accommodates 2 external motor drivers
- Main board supports system expansion to 16 units
- Main board supports MODBUS communication for communicating system operations to building management systems
- New communications protocol using **STRAIGHT THROUGH RJ45 CABLE** that uses T-568B wiring (to be supplied by customer)
- Original Molex connections for Motors and Meter
- New Hirose Housing connection for the power supply
- New POD connection using RJ11 connector

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