

D6 Labs Water Automation Catalog

1 SmartController™ Classic

Integrated All-In-One Solution



We designed the **SmartController™** as an integrated PLC/HMI combination with built-in secure 4G Cat M1 cellular communications for cloud SCADA that can be used in a variety of applications.

Each SmartController™ has unique, revocable encryption credentials that protect all communications between itself and the Whisker.io® cloud SCADA platform.

It automatically pulls its configuration and programming from the cloud. If a device fails, it can quickly be replaced with a spare from maintenance inventory – as soon as the spare powers on, it pulls configuration and programming and immediately starts performing its function

Expandable I/O

The SmartController™ Classic connects to external I/O via a single M12 5-pin circular connector using Modbus RTU including:

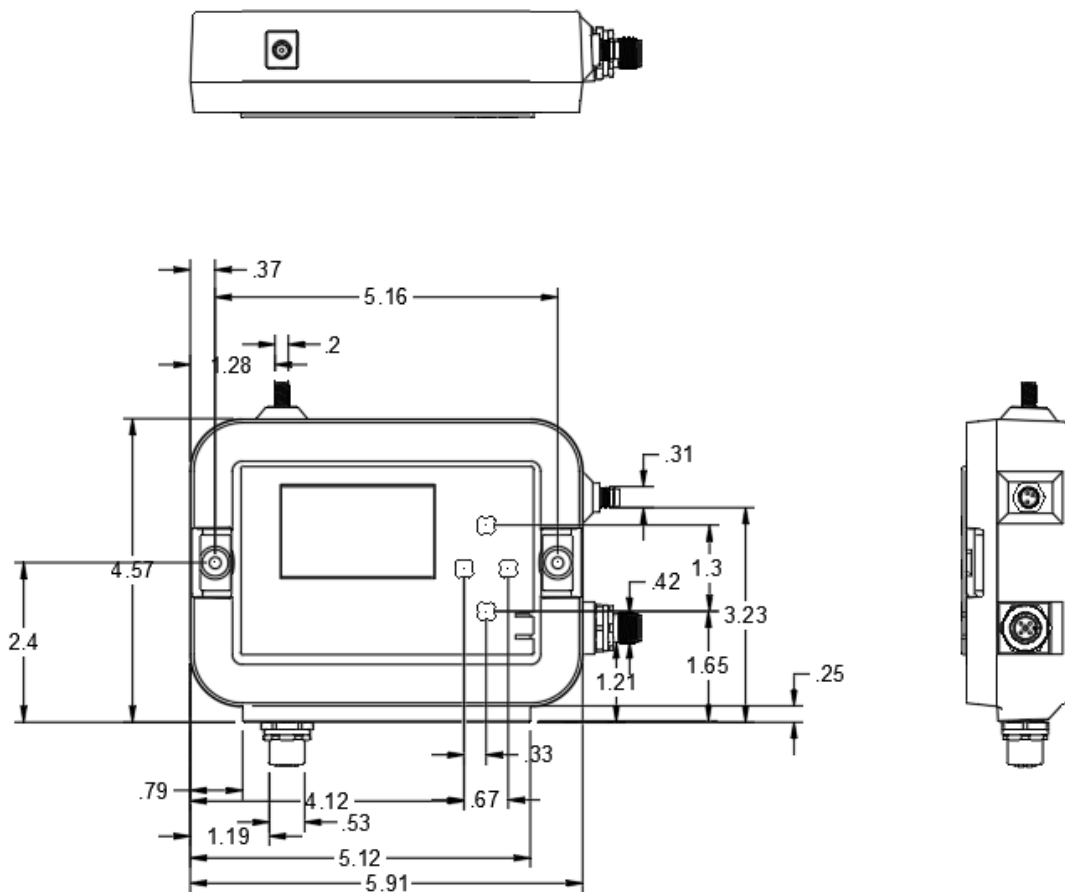
- Universal I/O – up to 16 modules and 192 I/Os
- PulsarQ – level sensing radar
- m.Chem™ - smart water chemistry monitoring sensors including Cl-, ORP, PH, Turbidity, and Conductivity.
- Banner SnapSignal® field I/O
- Any field I/O system with Modbus RTU support

Key Features

- HMI - Integrated, sunlight readable LCD with simple button UI.
- Programmable - Python programmable using WhiskerIDE™ dev tools.
- Connected - Integrated 4G Cat M1 cellular works with AT&T, T-Mobile and Verizon, switching automatically for best signal.
- Secure – AES 256 encryption with per device revocable encryption credentials.

- Remote updates – automatically downloads latest configuration and program from Whisker.io® cloud platform
- Local control – operates independently if cloud connection is lost
- Industrial temperature range: -40 to +85 °C
- Wide power supply range: 9-30V DC
- Low Power: <200mW
- IP67 rated – waterproof enclosure
- Modbus RTU master via M12-5 female connector – expand with m.Smart™ field I/O and PulsarQ radar.
- Modbus RTU slave via M12-5 male connector – integrate with existing SCADA/PLC solutions

Mechanical



Pre-built Applications

For towers, flow meters and leak detection, it can be used as a standalone gateway with sunlight readable display for local indication.

For lift stations, pump stations and other applications where local automation is required it replaces the traditional PLC and HMI providing a true Industry 4.0 solution.

SmartBoost

- For pump and booster stations
- Up to 4 pumps per station
 - ❖ VFD or contactor
 - ❖ Lead/lag rotation logic
 - ❖ Runtime tracking
 - ❖ AHO mode for each pump
 - ❖ Pump current monitoring
- Suction and discharge pressure
- Station Mode:
 - ❖ Tower – controls pumps based on start/stop level setpoints
 - ❖ Pressure – controls pumps based on pressure start/stop setpoints
 - ❖ Automatic failover to pressure mode

SmartLift

- For sewage lift stations
- Support simplex, duplex and triplex pump configurations:
 - ❖ VFD or contactor
 - ❖ Lead/lag rotation logic
 - ❖ Runtime tracking
 - ❖ AHO mode for each pump
 - ❖ Pump current monitoring
- Level monitoring via floats, PulsarQ radar, or pressure sensor

Technical Specifications

Power Supply	• 8-30V DC, 2A
Communications	• M12 5-pin RS-584 Modbus RTU • Cellular CatM1
Processor	• Dual Core – 150MHz • 520K SRAM
Storage	• SD Card
I/O	• Up to 16 Universal I/O Modules - 192 analog/digital I/O • PulsarQ – level sensing radar • m.Chem™ Smart Water Chemistry Sensors ○ Cl- ○ PH ○ ORP ○ Conductivity ○ Turbidity • Banner SnapSignal field I/O line
Protocols	• SCADA – Modbus RTU • Whisker.io® Cloud – remote monitoring and management
Programmability	• WhiskerIDE – python, HMI
Environmental	• -20 to +70C operating range • IP65/66 waterproof front bezel
LCD	• 2.7” sunlight readable • 400x240 pixel resolution • Push button interface

2 Nexus.io® AC

Powerful Controller

The Nexus.io SmartLift™ controller is powered by a quad-core 2GHz Cortex-A53 processor with 2GB RAM and 16GB internal storage, making it one of the most powerful pump controllers on the market. It is programmable in IEC 61131 compliant ladder logic and/or Python, making customization and feature extensions simple and easy. Programs and configuration can easily be copied to a replacement controller by moving an SD card.



Beautiful Display

SmartLift™ also includes an HMI rendering engine that allows creation of a beautiful and intuitive user interface that is fully customizable. Its 1280x800 10.1" cap touch LCD is easy to read in bright sunlight, and the cap touch and front bezel are IP65/66 rated waterproof, ensuring a long operating life of harsh outdoor use.

Security As A Feature

Programs are protected with industry-standard digital signatures and a private certificate authority unique to your organization, so only authorized engineers using approved tools can deploy code to your controllers. Signing keys are safeguarded in the operating system's secure key store, and every controller verifies the full chain of trust before running any program — blocking tampered, counterfeit, or unauthorized code from ever reaching the field.

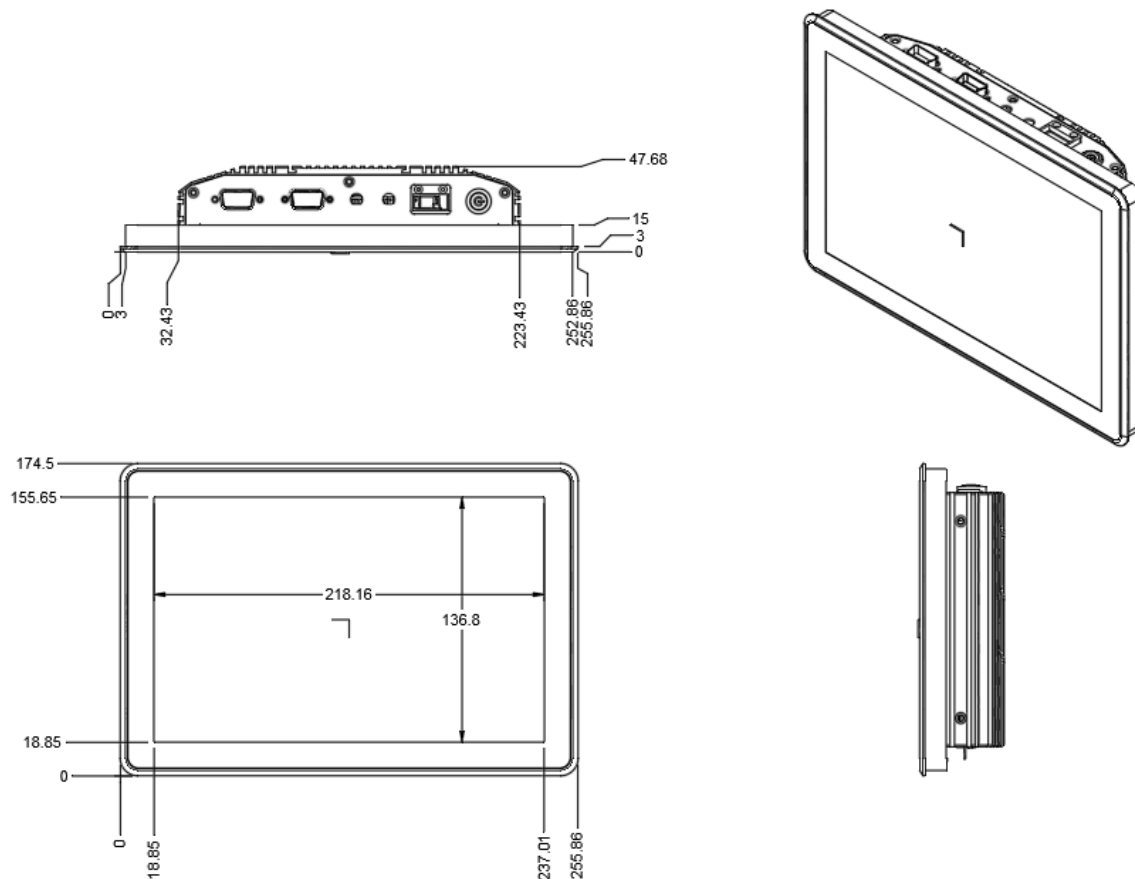
Expandable I/O

SmartLift™ can be expanded with up to 16 of our **m.Smart** Universal I/O™ modules – it can easily support 10 or more pumps with a single controller.

Key Features

- Powerful – Quad 2GHz CPU, 2GB RAM
- Beautiful – Sunlight readable 10.1" IP65/66 rated LCD with cap touch
- Programmable – IEC 61131 ladder and Python
- Waterproof – IP66/67 rated front bezel
- Secure – Encrypted programs and configurations ensure only authorized code can run
- Expandable – connect field I/O with Modbus RTU/TCP and EthernetIP

Mechanical Drawing



Technical Specifications

Power Supply	• 8-30V DC, 2A
Communications	• Ethernet • 2xRS485 • Cellular CatM1
Processor	• Quad core 2GHz • 2 GB RAM
Storage	• SD Card • 16GB SSD
I/O	• Up to 16 Universal I/O Modules - 192 analog/digital I/O • PulsarQ – level sensing radar • m.Chem™ Smart Water Chemistry Sensors ○ Cl- ○ PH ○ ORP ○ Conductivity ○ Turbidity • Banner SnapSignal field I/O line
Protocols	• SCADA – Modbus RTU/TCP, EthernetIP, WhiskerNet Secure (IDE-PLC, PLC-PLC, Whisker HMI-PLC) • Whisker.io® Cloud – remote monitoring and management
Programmability	• WhiskerIDE – ladder, python, HMI
Environmental	• -20 to +70C operating range • IP65/66 waterproof front bezel
LCD	• 1280x800 pixel resolution • 1000 nits brightness • 10 point cap touch • Optically bonded glass
Data Logging	• 60 days, all tags

Pre-built Applications

For lift stations, pump stations and other applications where local automation is required it replaces the traditional PLC and HMI providing a true Industry 4.0 solution.

SmartBoost

- For pump and booster stations
- Up to 4 pumps per station
 - ❖ VFD or contactor
 - ❖ Lead/lag rotation logic
 - ❖ Runtime tracking
 - ❖ AHO mode for each pump
 - ❖ Pump current monitoring
- Suction and discharge pressure
- Station Mode:
 - ❖ Tower – controls pumps based on start/stop level setpoints
 - ❖ Pressure – controls pumps based on pressure start/stop setpoints
 - ❖ Automatic failover to pressure mode

SmartLift

- For sewage lift stations
- Support simplex, duplex and triplex pump configurations:
 - ❖ VFD or contactor
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 - ❖ Runtime tracking
 - ❖ AHO mode for each pump
 - ❖ Pump current monitoring
- Level monitoring via floats, PulsarQ radar, or pressure sensor

SmartPlant

- For Water Plants
 - ❖ Customizable for any water plant: RO, membrane, sediment filter, etc.
- Surface and ground water
- Pacing chemical injection
- Filter Backwash management
- System integration
 - ❖ Clearwell
 - ❖ High Service Pumps
 - ❖ Transfer Well
 - ❖ Pump Stations
 - ❖ Raw H2O intake
 - ❖ Wells

3 Field I/O

3.1 m.Smart™ Universal I/O

Flexible Field I/O

The m.Smart™ Universal I/O module is preconfigured with a mix of analog and digital I/O specifically selected for applications in water and wastewater:

- Tower level monitoring
- Master-meter monitoring
- Leak sensor
- Pump/Lift station
 - One module per pump



Expandable

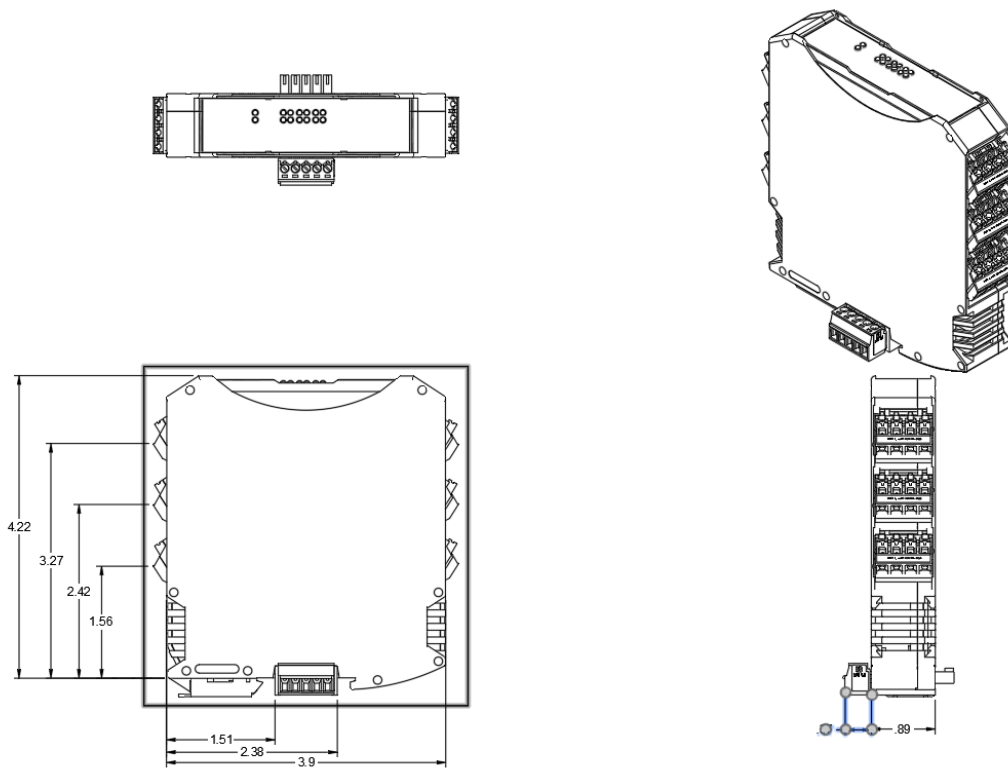
Connect up to 16 modules for up to 192 analog/digital I/Os. Each module has:

- 2x 0-30V DC analog input – for solar and battery monitoring
- 2x 4-20mA analog input – for level sensing, pressure, etc.
- 6x digital input – for pump run/fault, rod segment input, floats, etc.
- 1x digital output – pump run output, etc.
- 1x 0-10V DC output – pump speed output, etc.

Key Features

- Configured specifically for water and waste-water applications
- Expandable to 16 modules for a total of 192 I/O
- DIN rail mounting
- I/O connections via 6 pluggable headers
- Hot swappable

Mechanical



Technical Specifications

Power Supply	• 8-30V DC, 2A
Communications	• RS-485 Modbus RTU
Digital Inputs	• Opto-isolated • Sourcing inputs • 12-24V active high • 6 inputs
Solar Analog Inputs	• 0-30V DC • 12 bits • 2 inputs
Device Analog Inputs	• 4-20mA • 12 bits • 2 inputs
Digital Outputs	• Sourcing output • 12-24V active high • 1 output
Analog Output	• 0-10V analog output • 1 output
Environmental	• -20 to +70C operating range
Mechanical	• DIN rail mounting • 22mm width
Connectors	• 4 position, 5.08mm pluggable header

3.2 Nexus.io™

4 PulsarQ Radar Level Sensor

Accurate Level Monitoring

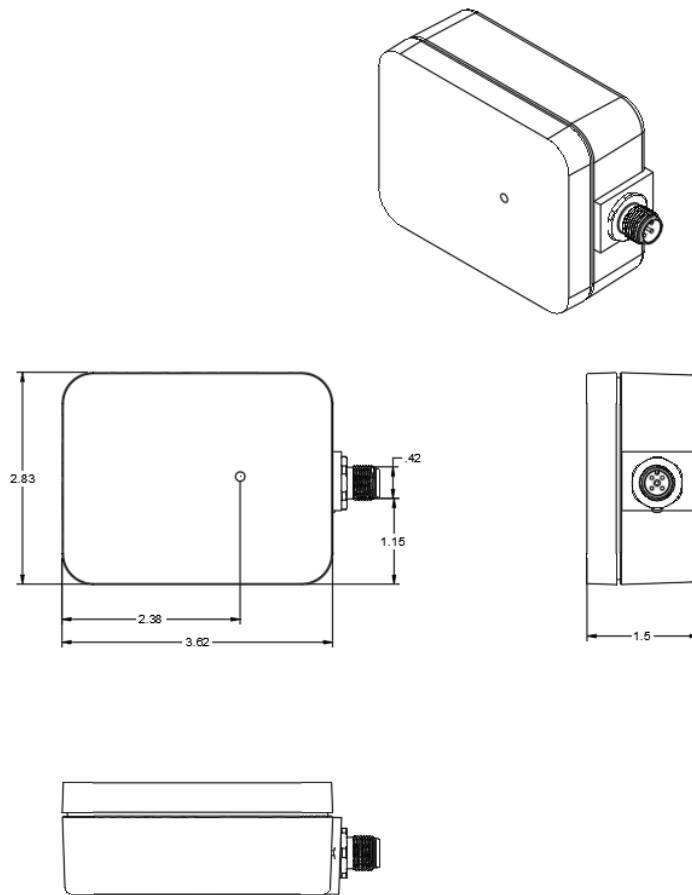
The m.Smart™ PulsarQ level detection radar is perfect for level measurement applications in water and wastewater for vessels up to 30 feet in height. This sensor is specifically designed for level measurement of chemical tanks, lift station wet wells, clear wells, and any tank under 30 foot in height.



Key Features

- Reads directly through plastic walled tanks – no need for an opening
- Mounting brackets and fixtures
 - Slide mounting fixture for plastic tanks
 - 1 ½” NPT mounting fixture for bung openings in metal, fiber glass and composite tanks
- Up to 30-foot measurement range
- Multiple output configurations
 - 4-20mA – analog
 - Modbus RTU – digital
- Low power - <20mW

Mechanical



Technical Specifications

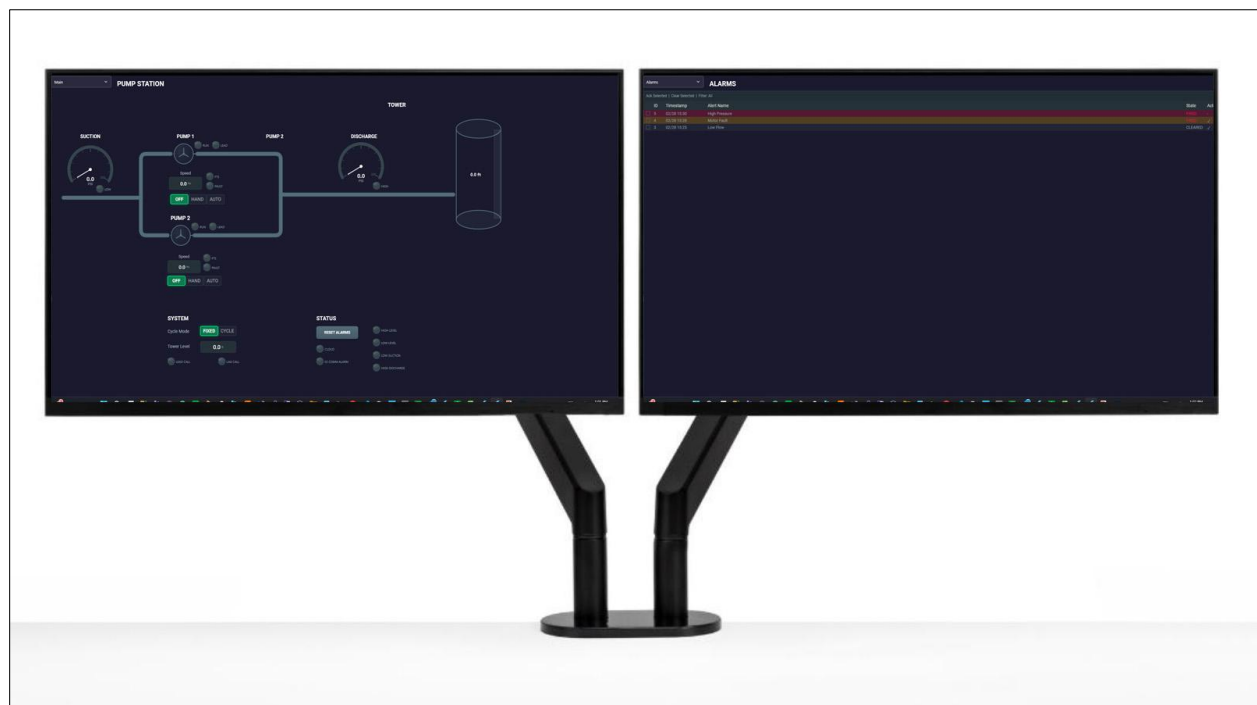
Power Supply	• 8-30V DC, 2A
Interface	• RS-485 Modbus RTU – digital • 4-20mA - analog
Measurement Range	• 0-30 feet
Power	• <20mW
Frequency	• 60GHz chirp pulse
Accuracy	• 3 cm
Minimum detection range	• 5 cm
Environmental	• -20 to +70C operating range
Mechanical	• IP67 - waterproof
Connectors	• M12 5 pin male

5 WhiskerHMI™ – In Plant Central Monitoring and Management

WhiskerHMI is a multipage, multi-window PC Based SCADA HMI viewer application that can be used for central office or control station applications.

Features include:

- Can manage tens of thousands of tags.
- Supports Modbus RTU, Modbus TCP, EthernetIP, and Nexus.io SecCom™ protocols.
- Built in historian with user configurable trend graph controls
- Supports multiple monitor configurations – designate default pages to show on each monitor
- Built in alarm manager
- Modern vector based graphics – adapts to any screen size
- Works on Windows, Linux and MacOS
 - Simple installation – takes 10 minutes on any PC



6 Whisker.io® Cloud SCADA - Remote Monitoring and Management

HMI



Figure 1: Typical HMI - appearance will vary customer to customer (shared with permission)

Although the Whisker.io® IoT portal allows customers to build custom HMI views using tags from connected devices, D6 Labs will setup initial HMI views so the system is useable immediately upon completion of installation:

1. Pump Station HMI – per pumping station
 - a. Tower Level – current value + 24hr trend
 - b. Setpoints – level, pressure and cutout
 - c. Modes – station and pump AHO
2. Tower HMI – per tower
 - a. Tower Level
 - b. Solar Voltage
 - c. Battery Voltage

Alerts

Channel Alerts

Channel name: Tank 1

+ Create New Alert Edit Selected Alert

Name	Contact(s)	Action	Message	Active?
Tank Overflow Escalation	Steve Montgomery	OnThreshold(75,>2,text)	Tank 1 overflow. Has not been cleared in 15 min.	✓
Tank Overflow Alert	Kyle	OnThreshold(75,>2,text,e...	Tank 1 overflow. Greater than 75 feet for more than 5 min.	✓

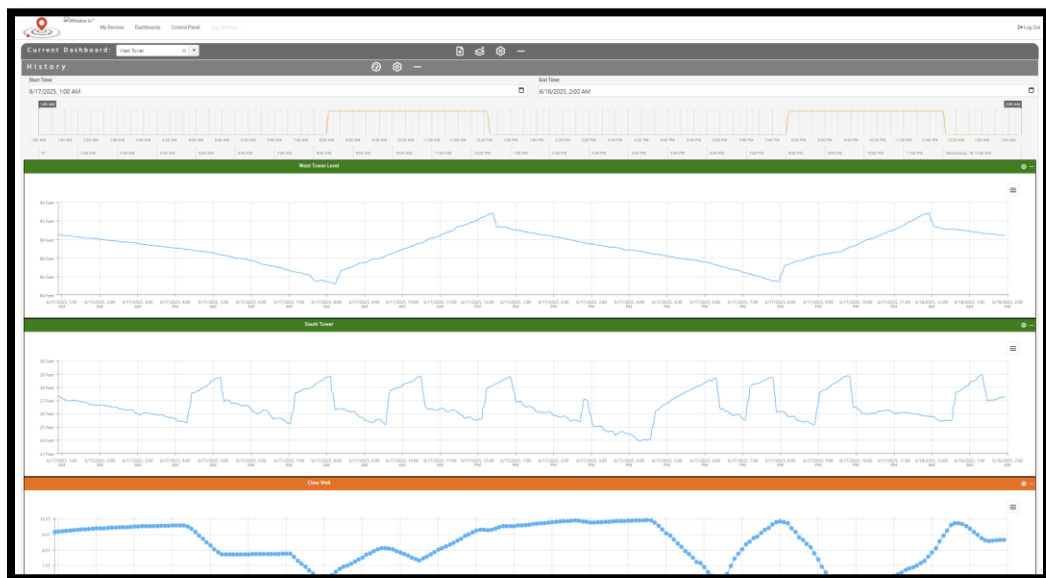
Close

Figure 2: Alert configuration - appearance will vary

D6 Labs will setup initial alerts/alarms, though the Whisker.io® IoT portal allows users to create/edit alerts as needed.

Dashboards

Dashboards provide powerful trend analysis tools that are user definable. Below is an example:

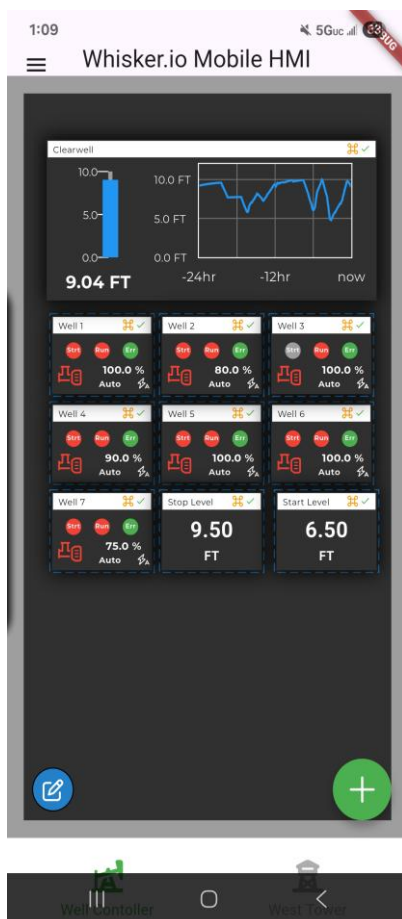


7 WhiskerMobile™ - Native Mobile App (Android and iOS)

Our new mobile HMI application is available for both Android and iOS. It has all of the same features and capabilities as the Whisker.io® Cloud SCADA App but with an enhanced HMI and Trend Dashboard interface optimized for mobile screens.

HMI

The new app offers several new design features and capabilities designed to take full advantage of the limited space available on mobile phones. The screenshot below shows an HMI that manages 7 wells.



Each well is represented by a compound widget that shows the start (call), running, and error status plus the speed setpoint and AHO mode. These compound widgets allow complex HMIs to be built quicker and use less screen space.

Clicking on any widget will bring up action decorators:



These decorators are buttons that let the operator edit the widget itself, view a trend history of the data associated with the widget and send a command to change parameters or setpoints associated with the widget.

Icons in the widget title block indicate the status of remote commands (change setpoints, modes, etc).

With the Cloud App, the user is not allowed to edit or change the HMI on a mobile phone because there is not enough screen space to display all of the UI elements needed to edit the screen. With the new Mobile App, the user interface has been completely redesigned so that the user can create and edit HMI screens on a mobile phone:

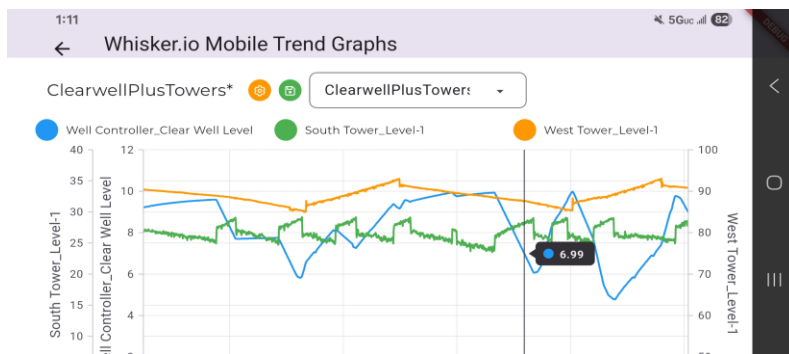


If the user has sufficient role permissions, they can enter edit mode and open the widget toolbox to add widgets to an HMI screen by simply dragging and dropping.

Dashboards – Trend Graphs

In the Cloud App, trend graphs are displayed via our dashboard system. The dashboards look very nice on larger screens, but are difficult to manage on smaller screens because each trend line is a separate graph and the smaller screens can only show 1 at a time, making it difficult to compare several trend lines at the same time.

In the new Mobile App, an entirely new trending user interface was designed. The user can quickly see a trend graph by clicking on a widget and then clicking the trend action decorator. Up to 6 trends can be plotted on the same graph and the user can easily add/remove trend lines to customize the graph. Once a graph is configured the way the user wants, that configuration can be saved for future use.



By plotting multiple trend lines on the same graph, the user can easily view all data simultaneously, even on the small screen of a mobile phone. The graphs can be zoomed by pinching and panned by dragging and the user can press and hold on any point in the graph to get an indicator line that shows the values for the trends at that point in time.

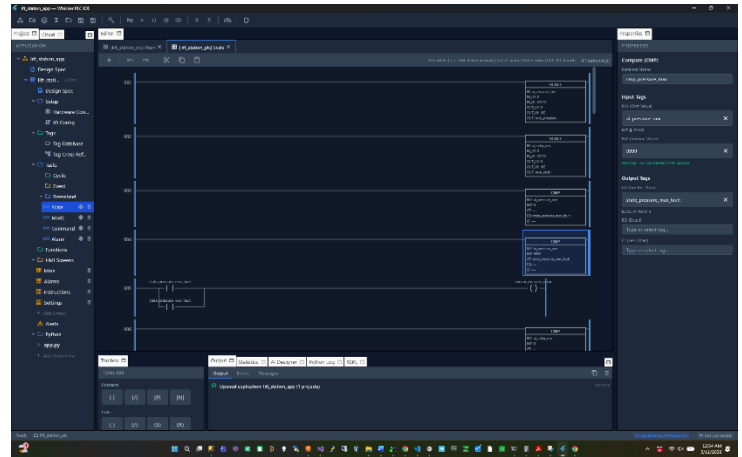
8 WhiskerIDE – Dev Tools

Flexible and AI enabled

The WhiskerIDE™ is the primary development tool for SmartController™ Classic and Nexus.io™ AC controllers.

It's intuitive user interface and development tools make development a breeze.

Develop multi-target applications in a single window – SmartController™ Classic (python), Nexus.io AC (python, ladder, HMI) and WhiskerHMI™.



Use the AI designer to develop complex applications with a single prompt – what used to take weeks or months can now be completely in just minutes.

Cloud Aware

Log in to your account, create new applications, generate security certificates and provision new/existing devices without ever leaving the IDE.

Powerful Debugging

Enabled monitor mode and your ladder diagrams and HMI screens update in real-time, showing exactly how the target is responding to real-world inputs.

9 m.Smart Automation Kits (MAK)

m.Smart™ Automation Kits are complete, ready to install solutions for towers, flow meters, leak sensors, pump stations, and lift stations.

These kits include a controller (SmartController or Nexus.io Automation Controller), a software application, IO, power (solar or AC with UPS), an enclosure and any sensors specified by the modifier (last part number component).

9.1 Part Numbering

MAK - **SC** - **GW** - **U** - **1** - **S** - **050** - **P** - **1111** - **060**

Controller App IO Type IO cnt P/S Type P/S Size Enc Type Enc Size Modifier

This example would be a solar powered gateway kit for a tower <120ft in a polycarbonate enclosure.

- Controller
 - **SC** – SmartController Classic
 - **NA** – Nexus.io Automation Controller
- Application
 - **GW** – Gateway
 - **PS** – Pump Station
 - **LS** – Lift Station
- IO Type & Count
 - **U** – Universal I/O module (6 DIN, 2 AIN, 1 AOUT, 1 DOUT)
 - 1-16
- Power Supply & Size
 - **S** – Solar
 - 050, 100
 - **B** – Battery Backup Unit
 - 006, 015
- Enclosure
 - **S** – Stainless Steel
 - 1111 - SA-34-01 (11x11x7.8in)
 - 1513 – SA-43-01 (15x13x7.8in)
 - **P** – Polycarbonate
 - 1212 – ZH121206-90 (12x12x7.2in)
 - 1614 – ZH161407-90(14x16x8.2in)
 - **C** – Carbon Steel
 - 1111 – SB-34-01 (11x11x7.8in)
 - 1513 – SB-43-01 (15x13x7.8in)
- Modifier
 - The modifier depends on the kit type.
 - 000 is a null modifier. This would be used for flow meters or gateway applications where an existing sensor is being used.

9.1.1 Valid Part Number Combinations

Part Number	Description
Generic Gateway	
MAK-SC-GW-U-1-S-050-P-1212-000	Generic gateway, 50 watt solar kit, polycarb 11x11" enclosure
MAK-SC-GW-U-1-S-050-S-1111-000	Generic gateway, 50 watt solar kit, stainless 11x11" enclosure
MAK-SC-GW-U-1-S-050-C-1111-000	Generic gateway, 50 watt solar kit, carbon steel 11x11" enclosure
MAK-SC-GW-U-1-S-100-P-1614-000	Generic gateway, 100 watt solar kit, polycarb 16x14" enclosure
MAK-SC-GW-U-1-S-100-S-1513-000	Generic gateway, 100 watt solar kit, stainless 15x13" enclosure
MAK-SC-GW-U-1-S-100-C-1513-000	Generic gateway, 100 watt solar kit, carbon steel 15x13" enclosure
MAK-SC-GW-U-1-B-006-P-1212-000	Generic gateway, 144 watt UPS kit, polycarb 11x11" enclosure
MAK-SC-GW-U-1-B-006-S-1111-000	Generic gateway, 144 watt UPS kit, stainless 11x11" enclosure
MAK-SC-GW-U-1-B-006-C-1111-000	Generic gateway, 144 watt UPS kit, carbon steel 11x11" enclosure
MAK-SC-GW-U-1-B-015-P-1614-000	Generic gateway, 360 watt UPS kit, polycarb 16x14" enclosure
MAK-SC-GW-U-1-B-015-S-1513-000	Generic gateway, 360 watt UPS kit, stainless 15x13" enclosure
MAK-SC-GW-U-1-B-015-C-1513-000	Generic gateway, 360 watt UPS kit, carbon steel 15x13" enclosure
Tower	
MAK-SC-GW-U-1-S-050-P-1212-030	Tower kit, 0-60ft, 50 watt solar kit, polycarb 11x11" enclosure
MAK-SC-GW-U-1-S-050-P-1212-060	Tower kit, 0-120ft, 50 watt solar kit, polycarb 11x11" enclosure
MAK-SC-GW-U-1-S-050-P-1212-100	Tower kit, 0-220ft, 50 watt solar kit, polycarb 11x11" enclosure
MAK-SC-GW-U-1-S-050-S-1111-030	Tower kit, 0-60ft, 50 watt solar kit, stainless 11x11" enclosure
MAK-SC-GW-U-1-S-050-S-1111-060	Tower kit, 0-120ft, 50 watt solar kit, stainless 11x11" enclosure
MAK-SC-GW-U-1-S-050-S-1111-100	Tower kit, 0-220ft, 50 watt solar kit, stainless 11x11" enclosure
MAK-SC-GW-U-1-S-050-C-1111-030	Tower kit, 0-60ft, 50 watt solar kit, carbon steel 11x11" enclosure
MAK-SC-GW-U-1-S-050-C-1111-060	Tower kit, 0-120ft, 50 watt solar kit, carbon steel 11x11" enclosure
MAK-SC-GW-U-1-S-050-C-1111-100	Tower kit, 0-220ft, 50 watt solar kit, carbon steel 11x11" enclosure
MAK-SC-GW-U-1-S-100-P-1614-030	Tower kit, 0-60ft, 100 watt solar kit, polycarb 16x14" enclosure
MAK-SC-GW-U-1-S-100-P-1614-060	Tower kit, 0-120ft, 100 watt solar kit, polycarb 16x14" enclosure
MAK-SC-GW-U-1-S-100-P-1614-100	Tower kit, 0-220ft, 100 watt solar kit, polycarb 16x14" enclosure
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MAK-SC-GW-U-1-B-006-C-1111-060	Tower kit, 0-120ft, 144 watt UPS kit, carbon steel 11x11" enclosure
MAK-SC-GW-U-1-B-006-C-1111-100	Tower kit, 0-220ft, 144 watt UPS kit, carbon steel 11x11" enclosure
Pump Station Classic	
MAK-SC-PS-U-2-B-006-P-1614-000	Pump Station Kit, 144 watt UPS, polycarb 16x14" enclosure, 100/200 psi pressure sensors
MAK-SC-PS-U-2-B-006-S-1513-000	Pump Station Kit, 144 watt UPS, stainless 15x13" enclosure, 100/200 psi pressure sensors
MAK-SC-PS-U-2-B-006-C-1513-000	Pump Station Kit, 144 watt UPS, carbon steel 15x13" enclosure, 100/200 psi pressure sensors
Pump Station Nexus.io™ AC	
MAK-NA-PS-U-2-B-015-P-1614-000	Pump Station Kit, 360 watt UPS, polycarb 16x14" enclosure, 100/200 psi pressure sensors
MAK-NA-PS-U-2-B-015-S-1513-000	Pump Station Kit, 360 watt UPS, stainless 15x13" enclosure, 100/200 psi pressure sensors
MAK-NA-PS-U-2-B-015-C-1513-000	Pump Station Kit, 360 watt UPS, carbon steel 15x13" enclosure, 100/200 psi pressure sensors
Lift Station Classic	
MAK-SC-LS-U-2-B-006-P-1614-0D0	Lift Station, 140 watt UPS, polycarb 16x14 enclosure, 2x100A Split Core CT, Dual Pump, Radar
MAK-SC-LS-U-2-B-006-S-1513-0D0	Lift Station, 140 watt UPS, stainless 15x13 enclosure, 2x100A Split Core CT, Dual Pump, Radar
MAK-SC-LS-U-2-B-006-C-1513-0D0	Lift Station, 140 watt UPS, carbon steel 15x13 enclosure, 2x100A Split Core CT, Dual Pump, Radar
MAK-SC-LS-U-3-B-006-P-1614-0D0	Lift Station, 140 watt UPS, polycarb 16x14 enclosure, 2x100A Split Core CT, Triplex Pump, Radar
MAK-SC-LS-U-3-B-006-S-1513-0D0	Lift Station, 140 watt UPS, stainless 15x13 enclosure, 2x100A Split Core CT, Triplex Pump, Radar
MAK-SC-LS-U-3-B-006-C-1513-0D0	Lift Station, 140 watt UPS, carbon steel 15x13 enclosure, 2x100A Split Core CT, Triplex Pump, Radar
Lift Station Nexus.io™ AC	
MAK-NA-PS-U-2-B-015-P-1614-0D0	Lift Station Kit, 360 watt UPS, polycarb 16x14" enclosure, 2x100A Split Core CT, Dual Pump, Radar
MAK-NA-PS-U-2-B-015-S-1513-0D0	Lift Station Kit, 360 watt UPS, stainless 15x13" enclosure, 2x100A Split Core CT, Dual Pump, Radar
MAK-NA-PS-U-2-B-015-C-1513-0D0	Lift Station Kit, 360 watt UPS, carbon steel 15x13" enclosure, 2x100A Split Core CT, Dual Pump, Radar
MAK-NA-PS-U-3-B-015-P-1614-0D0	Lift Station Kit, 360 watt UPS, polycarb 16x14" enclosure, 2x100A Split Core CT, Triplex Pump, Radar
MAK-NA-PS-U-3-B-015-S-1513-0D0	Lift Station Kit, 360 watt UPS, stainless 15x13" enclosure, 2x100A Split Core CT, Triplex Pump, Radar
MAK-NA-PS-U-3-B-015-C-1513-0D0	Lift Station Kit, 360 watt UPS, carbon steel 15x13" enclosure, 2x100A Split Core CT, Triplex Pump, Radar

9.1.2 Other fees

- \$500 – one-time provisioning fee
 - Charged per MAK
 - Covers cloud configuration and setup
- \$480/yr – annual data/cloud subscription fee
 - Charged per MAK per year
 - Covers cellular data, cloud app, storage, text/voice messages, etc.
- \$200/hr installation fees
 - Charged when D6 Labs provides installation/startup services