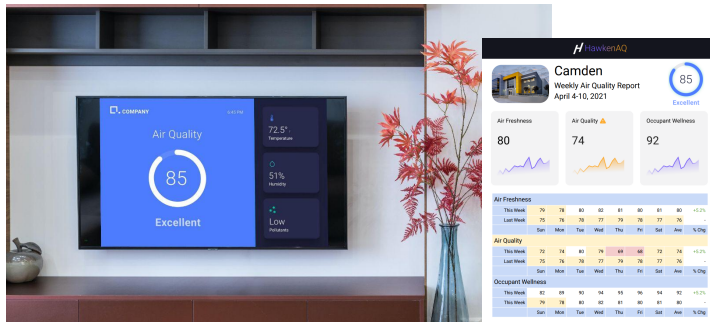


# Smart Building Software

All Hawken software comes standard with unlimited trend history storage and text/email alerts. Points, tags and dashboards are created automatically during One-Button Setup.

## HawkenAQ Air Quality Monitoring

HAQ-X



### Features

- Real time air quality monitoring
- Deep dive benchmarking against ASHRAE, CDC and more.
- Weekly or daily air quality reports.
- Text & email alerts for air quality issues.

## Hawken Smart Connect

HSC-X



### Features

- Monitor your entire site anytime, anywhere.
- Natively integrates with all Smart Sensors through One-Button Setup.
- Text & email alerts for building issues.
- Custom branding available.
- Open API and intuitive BMS support.

## Niagara Driver



### Features

Integrate Smart Sensors to any N4.6+ station in 5 minutes or less.



Secure, outbound-only connection to Hawken.

Automatic creation of Niagara station and Reflow UIs.

## Smart Sensors

All Hawken Smart Sensors come standard with long-lifespan batteries, Hawken One-Button Setup, and intuitive BMS support through the Hawken driver.

### Air Quality

Pro CO2 Sensor			PAQ1L
	<b>Measurements</b>	<b>Features</b>	
	CO2 (high accuracy) Temperature Humidity Virus Risk Estimate ☁ Mold Risk Estimate ☁	Hawken One-Button Setup Smart Calibration Up to 15 year battery life Advanced AAs	
Pro CO2 & Motion Sensor			PAQ1M
	<b>Measurements</b>	<b>Features</b>	
	CO2 Temperature Humidity Light Level Motion (passive infrared) LED Air Quality Indicator Virus Risk Estimate ☁ Mold Risk Estimate ☁	Hawken One-Button Setup Smart Calibration Up to 15 year battery life Advanced AAs	

## Pro Air Quality Sensor

PAQ1



### Measurements

CO2e  
VOCs (bad smells, chemicals, cleaning products, formaldehyde)  
Temperature  
Humidity  
Light Level  
LED Air Quality Indicator  
Motion (passive infrared)  
Virus Risk Estimate ☁  
Mold Risk Estimate ☁

### Features

Hawken One-Button Setup  
Smart Calibration  
Up to 6 year battery life  
Advanced AAs

## Pro PM2.5 Sensor

PPM1




### Measurements

PM2.5 (pollen, dust, pollution, high accuracy)  
Temperature  
Humidity  
Vaping  
Smoking  
Virus Risk Estimate ☁  
Mold Risk Estimate ☁

### Features

Hawken One-Button Setup  
Smart Calibration  
High accuracy particulate measurement via laser  
12V power adapter included

## Smart Building

Environment Sensor <span>E2</span>		
	<b>Measurements</b> Temperature Humidity Virus Risk Estimate ☁ Mold Risk Estimate ☁ Optional temperature probe for duct or refrigeration sensing	<b>Features</b> Hawken One-Button Setup Up to 6 year battery life Standard AAAs IP52 rating
Cold Room and Duct Sensor <span>E1</span>		
	<b>Measurements</b> Temperature Humidity Virus Risk Estimate ☁ Mold Risk Estimate ☁ Optional temperature probe for duct or refrigeration sensing	<b>Features</b> Hawken One-Button Setup Up to 12 year battery life Waterproof IP67 rating
Pro Environment Sensor <span>PE1</span>		
	<b>Measurements</b> Temperature Humidity Light Level Motion (passive infrared) Virus Risk Estimate ☁ Mold Risk Estimate ☁	<b>Features</b> Hawken One-Button Setup Up to 25 year battery life Advanced AAs

## Door Trip Sensor

DS1



### Measurements

Door Open/Close Status  
(refrigeration, security, etc)

### Features

Hawken One-Button Setup  
Up to 6 year battery life  
Standard AAAs

## IO Module

IO1



### Measurements

Easily integrate third party sensors  
and equipment like thermostats.

### Features

2x Binary Input  
2x Binary Output  
2x Analog Input (0-20mA)  
2x Analog Input (0-30V)  
2x Relay Output  
(5A@250VAC / 30VDC)  
Power Input 0-24V

## Modbus Module

MB1






### Measurements

Easily integrates any device that  
supports Modbus RTU.

### Features

Saves significant labor costs  
through elimination of RS485  
wiring.  
Power Input 7-24V

## Water & Leak Detection

Probe Leak Detector <span>LK1</span>		
	<b>Measurements</b> Water Leak Status	<b>Features</b> Hawken One-Button Setup Up to 6 year battery life Standard AAAs
Rope Leak Detector <span>LK2</span>		
	<b>Measurements</b> Water Leak Status	<b>Features</b> Hawken One-Button Setup Up to 20 year battery life Advanced AAs Included 3m rope Can be extended to over 100m
Water Flow Sensor <span>FS1/FS1L</span>		
	<b>Measurements</b> Water Flow Rate	<b>Features</b> Hawken One-Button Setup Smart Calibration Up to 6 year battery life Compatible with 1/2", 3/4", and 1" pipes (FS1L)

## Connectivity Hubs

### Hawken Hub

H1



#### Features

Instant Setup: Simply connect power and network with included cables. The rest is automatic.

Ethernet and WiFi connectivity

Supports up to 1000 sensors

Long range (Up to 1000ft line of site, 200ft indoors through walls)

Automatically connects to Hawken via encrypted IP uplink

### Hawken Hub 2

H2/H2C



#### Features

Instant Setup: Simply connect power and network with included cables. The rest is automatic.

Ethernet, WiFi and 4G LTE (H2C)

Supports up to 1000 sensors

Long range (Up to 1000ft line of site, 200ft indoors through walls)

Automatically connects to Hawken via encrypted IP uplink

Worldwide cellular service for \$2/mo + \$0.10/MB

(1 Hub uses about \$10/mo of data)



## More Options

### Accessories

ATI1 - High Gain Antenna  
ATO1 - Outdoor Waterproof Antenna  
H1L - Hub Plug Lock  
RP1 - Rope Extension for LK2  
BA3A - AAA Battery  
BA2A - AA Battery  
BA1 - Advanced AA Battery  
BAI1 - Industrial Battery (8500 mAh)

### Smart Radiator Controller

#### Measurements

Temperature  
Humidity  
Remotely Set Temperature  
Automatic Scheduling

#### Features

Automate control of radiator TRVs  
Save 20%+ in many buildings  
Inquire for more information

### Smart Plugs

#### Measurements

Energy Usage  
Voltage / Amperage  
Remotely Turn On/Off  
Automatic Scheduling

#### Features

Energy saving and monitoring applications  
Save 20%+ in many buildings  
Inquire for more information

### Asset Tracking

#### Measurements

Current Location

#### Features

Track critical assets such as equipment, tools

Last Movement Time  
Asset Outside of Designated Area

and high value objects

## Farm & Growhouse Automation

### Measurements

Soil Temperature  
Soil Moisture & Salinity  
Soil pH Level  
Wind Speed & Precipitation

### Features

Use for growhouses, breweries, etc.  
Inquire for more information