

## DIAGNOSTIC OPERATION CENTER.

### LEGACY EQUIPMENT TO i4.0



Prolong the life of every asset with data-driven failure mode prevention and improved PMs.

### FOUR FIELD-SCALABLE SENSOR INPUTS



Enjoy the flexibility gathering and pushing sensor data from various analog input signals to cloud platform.

### REAL-TIME DATA ANALYSIS



Gather instant performance diagnostics remotely, or on-premise to maximize production efficiency.

### WIRELESS + WIRED CONNECTION



Overcome concerns of wireless network strength with on-board Ethernet connection. (Power-over-Ethernet available).

### SIMPLE INSTALLATION



Designed for flexibility inside your environments. Unit dimensions: 5.63 x 3.25 x 1.15 in.

### CUSTOMIZED ENCLOSURES



Protect your data acquisition in harsh and unique environments.

## IoT GATEWAY FOR INDUSTRIAL SENSORS.

DOC4™ is an industrial data acquisition device turning brown-field equipment into industry 4.0 machines. Gather and push data from up to four field-scalable analog input signals to make predictive monitoring, alerting, and performance reporting simple and effective.

With both WI-FI and Ethernet connection on-board, you can begin remotely monitoring critical assets or processes quickly, and effectively – data trends, alerts, and reporting now available to your defined user groups for improved, holistic PMs.

Whether converting to smart hydraulic power units, or commercializing smart OEM equipment, the DOC4 is ready to get you connected.

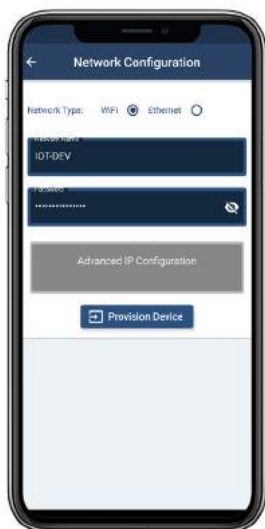
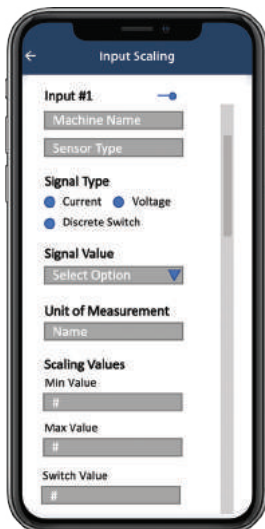


## GETTING YOUR DOC4 CONNECTED.

### THE POWER OF OUR IoT ASSIST.

The IoT Assist is our device setup tool that overcomes the complexities of connectivity and configuration.

- ✓ **FREE DOWNLOAD**  
Available to download on Apple Store and Android Market.
- ✓ **SCALE SENSOR INPUT SIGNALS**  
Easily configure the DOC4 in the field to accurately read analog sensor input signals.
- ✓ **QUICKLY CONFIGURE TO NETWORK**  
Input Wi-Fi network credentials to get device on the network.
- ✓ **GET DEVICES INTO IOT DATA EXPERIENCE**  
Automatically puts DOC4 sensor data into your specific IoT data experience dashboard for remote monitoring.



### THE POWER OF OUR IoT DATA EXPERIENCE.

Our IoT Data Experience unlocks real-time, secure remote monitoring, and predictive analytics for your products. It's the gasoline for your machine learning engine. Easily manage your service online.

- ✓ **REAL-TIME DATA**  
See up-to-the minute performance data from any device, anywhere in the world.
- ✓ **NOTIFICATIONS**  
The ability to set notifications when assets are operating out of spec.
- ✓ **DATA STORAGE & SECURITY**  
Review up to 6 month of historical trending data, and Assurance that devices are receiving latest security and performance updates.
- ✓ **COMMISSIONING & SCALING**  
Simplified experience for bringing new sensing capabilities online.



## DOC4 TECHNICAL DATA.

DOC4 IoT Gateway Technical Data	
<b>Power Supply</b>	19 - 32VDC   Suggested VDC: 24V Nominal
<b>Current Consumption</b>	Max: 250mA @ 24VDC   Without Sensors
<b>Scalable Input Signals</b>	Current: 4-20mA   Voltage: 0-10V   Discrete: 0-5V, 0-10V, 0-12V, 0-24V
<b>Data Push (To Web App)</b>	Once every minute
<b>Information Security</b>	HTTPS TLS v1.2 encryption
<b>Networking</b>	Unique MAC address
<b>Software Updates</b>	Over-the-air (OTA) firmware updates
<b>Radio</b>	Wi-Fi 802.11 b/g/n   Wi-Fi channel 2.4GHz
<b>Security</b>	WPA/WPA2/WPA2-Enterprise
<b>Net Data Throughput</b>	Up to 150Mbps of data rate
<b>RF Output Power</b>	Up to 20.5dBm
<b>Sensitivity</b>	-98dBm

DOC4 Materials	
<b>Upper Electronics Case</b>	Acrylonitrile Butadiene Styrene - Black
<b>Lower Electronics Case</b>	Acrylonitrile Butadiene Styrene - Black
<b>IP Rating</b>	IP50

**DOC4 DIMENSIONAL DRAWINGS**  
 KEY: INCHES

