

## 900 MHz Hardware

### OVERVIEW

NotifEye™ 900 MHz sensors pass information wirelessly to the NotifEye application which collects and records data 24/7. The sensors have an open-field range of up to 2,500 ft and a typical interior range of up to 500 ft. Each sensor is battery operated and monitors against preset conditions that are user-defined within the NotifEye application. Information recorded to the database (°F/C) is time stamped and cannot be altered through the user interface. Unlike the standard 900 MHz sensors, the #15202 can be installed inside a refrigerator/freezer to simulate product temperatures. The buffered probe avoids misleading temperature spikes, e.g., when a door is opened/closed.

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Communication: 902 MHz</li> <li>• REST APIs Available</li> <li>• ABS plastic enclosure</li> <li>• Wall-mounting: double-sided, high-strength tape or screw-mount</li> <li>• Power: 2/3A, 3V Lithium battery</li> <li>• Battery Life: Up to 5 years</li> <li>• 1-year warranty</li> </ul>	<ul style="list-style-type: none"> <li>• Wide frequency range does not compete with other networks</li> <li>• Notifeye's robust, easy-to-use REST APIs make it simple to quickly connect your wireless monitoring data with your current tools</li> <li>• Data is buffered and recoverable if network or power fails</li> <li>• Durable casing protects inner circuitry</li> <li>• Can be easily transferred to a new location</li> </ul>
SPECIFICATIONS	
<p><b>#10185 Retrofit Solid Simulator</b></p> <ul style="list-style-type: none"> <li>• Temperature Range: -25° to 180°F (-32° to 82°C)</li> <li>• Stabilization: Up to 2 hours</li> <li>• Material: FDA-approved Acetal</li> <li>• Dimensions: 1.5" x 1.5" (38 mm x 38 mm)</li> <li>• Weight: 2 oz (59 g)</li> <li>• Patented</li> <li>• Certifications: RoHS</li> </ul> <p><b>#15220 Humidity Sensor</b></p> <ul style="list-style-type: none"> <li>• Temperature Range: -4° to 140°F (-20° to 60°C)</li> <li>• Temperature Accuracy: ±0.5°F (±0.3°C) at 77°F (25°C)</li> <li>• Relative Humidity Range: 0 to 90%</li> <li>• Relative Humidity Accuracy: ±2% (10% to 90%RH)</li> <li>• Certifications: RoHS, FCC Compliant</li> </ul> <p><i>Temperature of humidity sensor is displayed in software, but is not a reading that can be alerted on.</i></p> <p><b>#15202 Product Simulator Sensor</b></p> <ul style="list-style-type: none"> <li>• Temperature Range: -4° to 140°F (-20° to 60°C)</li> <li>• Accuracy: ±1°F (±0.5°C)</li> <li>• Dimensions (L x W x H): 6.875" x 2.125" x 2.125" (175 mm x 54 mm x 54 mm)</li> <li>• ABS plastic housing (IPX7 waterproof rated)</li> <li>• FCC compliant</li> </ul>	<p><b>#15201-01 Immersion Probe</b></p> <ul style="list-style-type: none"> <li>• Temperature Range: -25° to 180°F (-32° to 82°C)</li> <li>• Accuracy: ±1°F (±0.5°C)</li> <li>• Dimensions (L x W x H): 2.188" x 2.188" x 12.22" (56 mm x 56 mm x 310 mm)</li> <li>• Probe Diameter: 0.25" (6.4 mm)</li> <li>• ABS plastic housing (IPX7 waterproof rated)</li> <li>• FCC compliant, NSF Component</li> </ul> <p><b>#15200 Temperature Sensor</b></p> <ul style="list-style-type: none"> <li>• Temperature Range: -25° to 180°F (-32° to 82°C)</li> <li>• Accuracy: ±1°F (±0.5°C)</li> <li>• Certifications: CE, RoHS, FCC Compliant</li> </ul> <p><b>#15230 Open/Close Sensor</b></p> <ul style="list-style-type: none"> <li>• Reed switch activates with magnet</li> <li>• Terminal block allows for remote signal activation</li> <li>• Certifications: RoHS, FCC Compliant</li> </ul>



**Open/Close Sensor  
#15230**



**Humidity Sensor  
#15220**



**Temperature Sensor  
#15200 (6' cable)  
#15200-10 (10' cable)  
#15200-30 (30' cable)**



**Retrofit Solid  
Simulator  
#10185**



**Immersion Probe  
#15201-01**



**Product Simulator Sensor  
#15202**

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### OVERVIEW

The NotifEye™ gateway allows your wireless sensors to communicate with the system without the need for a computer to be running. Simply plug this device into any open network port with internet connection and it will automatically connect with our online servers. You can easily configure your network, view collected sensor data and set alarms from any web-enabled browser.

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Out-of-the-box setup</li> <li>• No computer required for operation</li> <li>• Power outage notification</li> <li>• Local status LEDs with transmission and online status indicators</li> <li>• Buffering allows readings to be stored if internet connection is interrupted</li> <li>• REST APIs Available</li> </ul>	<ul style="list-style-type: none"> <li>• Self-installable, no technician or installation fees</li> <li>• Data can be accessed from anywhere via the internet</li> <li>• Alerts if the gateway isn't receiving power</li> <li>• Visual verification that the system is functioning properly</li> <li>• Prevents data loss</li> <li>• NotifEye's robust, easy-to-use REST APIs make it simple to quickly connect your wireless monitoring data with your current tools</li> </ul>
SPECIFICATIONS	
<p><b>#15515 Gateway (Buffer and Receiver)</b></p> <ul style="list-style-type: none"> <li>• Attached to network via LAN network port</li> <li>• 30 days of data storage for 200 sensors sampling every 15 minutes.</li> <li>• Power: 12V transformer</li> <li>• Accommodates an unlimited number of sensors</li> <li>• Certifications: RoHS</li> </ul>	<p><b>#15506 US Repeater</b></p> <ul style="list-style-type: none"> <li>• Extends the range of the transmitters</li> <li>• Transmits up to 4 miles (open field range)</li> <li>• Power: 14V transformer with battery backup</li> <li>• Onboard battery back-up with 24 hours of life</li> <li>• Certifications: RoHS</li> </ul>

**Gateway  
#15515**



**Repeater  
#15506**

