Vaisala HMT140

Niagara Framework Driver

The Vaisala driver integrates Vaisala wireless environmental sensors with Tridium Niagara over standard Wi-Fi, requiring no gateways or proprietary receivers.
Vaisala HMT140 series sensors measure temperature and humidity with accuracy of +/-1.5% RH and +/-0.2 degrees C, operating in environments from -40 to +70 degrees C. Battery operation lasts up to 5 years with configurable transmission intervals from 1 minute to 24 hours.
Sensors are discovered automatically on the Wi-Fi network. The driver provides real-time monitoring, alarm management with configurable thresholds, and remote sensor configuration from the Niagara interface.
Wi-Fi connectivity eliminates the need for dedicated wiring, making these sensors ideal for retrofit installations, temporary monitoring, and hard-to-wire locations in pharmaceutical, food processing, and cleanroom facilities.

- ✓ Wi-Fi integration with no gateways needed
- ✓ Battery operation up to 5 years
- ✓ Automatic sensor discovery
- ✓ Temperature and humidity measurement
- ✓ Analog input support
- ✓ Configurable transmission intervals (1 min to 24 hours)
- ✓ Alarm management and thresholds
- ✓ Remote configuration
- ✓ Operating range -40 to +70 degrees C
- ✓ No annual fees
- ✓ Free technical support and upgrades

Vaisala HMT140 Wireless Sensor

SUPPORTED DEVICES

HMT141	HMT144	HMT146	HMT148
HMT143	HMT145	HMT147	

SYSTEM REQUIREMENTS

- ✓ Niagara framework 4.8 or later, including OEM versions
- ✓ JACE or Supervisor on the same Wi-Fi network as Vaisala sensors
- ✓ Vaisala driver license

CONNECTIVITY

Wi-Fi

Vaisala HMT140 series sensors connect directly to the building Wi-Fi network and communicate with Niagara over standard IP. No gateways, access points, or proprietary receivers required.

ORDERING INFORMATION

Part Number	Description
VSL-J-10	Vaisala for JACE, 10 sensors
VSL-J-20	Vaisala for JACE, 20 sensors
VSL-J-UNL	Vaisala for JACE, unlimited sensors
VSL-SUP	Vaisala for Supervisor, first 10 sensors
VSL-SUP-10	Vaisala for Supervisor, extra 10 sensors