



DISRUPTIVE
TECHNOLOGIES



Product Catalog

Europe & North America 2024

November 14th, 2023

Content

1. Price Structure

2. Wireless Sensors

Wireless Temperature Sensor	3
Wireless Temperature Sensor with Data Backfill	3
Wireless Temperature Probe Sensor	4
Wireless Humidity Sensor	5
Wireless CO2 Sensor	5
Wireless Proximity Sensor	6
Wireless Door & Window Sensor	6
Wireless Desk Occupancy Sensor	7
Wireless Motion Sensor	7
Wireless CO2 Sensor	8
Wireless Water Sensor	8

3. Range Extenders

Standalone Range Extender	9
Ambient Range Extender	9
Pipe Range Extender	9
Water Range Extender	9
Water Range Extender Textile Add-on	9

4. Gateways

Cloud Connector - Cellular	10
Cloud Connector - Ethernet Only	10

5. Subscriptions

Sensor Subscription	11
Cloud Connector Subscription	11

6. Kit Overview & Order Codes

Kit Overview & Order Codes - Europe	12
Kit Overview & Order Codes - North America	13

Introduction

All the prices are listed exclusive of any VAT or local Sales Tax, and any applicable import/export taxes and other duties. DTR may adjust prices for any Products and Services according to the price adjustment provisions outlined in the prevailing DTR General Terms and Conditions.

Pricing Structure

Our product pricing structure includes two primary components:

1. Hardware Cost:

This is an upfront, one-time cost for physical devices such as sensors, gateways, and accessories. Hardware devices form the core of our product's infrastructure, facilitating accurate data collection and seamless connectivity.

2. Annual Subscription Fee:

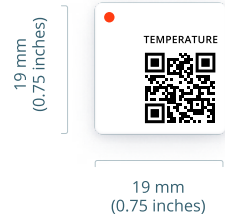
This is an annual fee required to activate and maintain the functionality of our sensors and gateways. The subscription is sold per device and includes the following services:

- **DT Studio:** Access to our cloud-based fleet management and sensor data analytics web application, designed to streamline your operations and maximize the value of the collected data.
- **Software Updates:** Regular updates to both hardware and software to enhance performance, bolster security, and introduce new features. These updates ensure your system remains cutting-edge and secure against evolving threats.
- **Cloud Storage:** Storage of sensor data in the cloud for a duration of 31 days, enabling easy access and retrieval of your information when needed.
- **API Access:** The capability for data forwarding and integration with other applications, improving interoperability and enabling you to customize your data management.
- **Customer Success Manager:** Get direct contact with our customer success team that proactively help you plan installations, provide best-practices for setting up integrations and any other topics that help you get the full value out of the products you purchase from us.
- **Customer Support:** Direct access to our customer success team from 08:00 - 16:00 CET/CEST (EU) and 08:00-17:00 EST (US) Monday through Friday. Our dedicated team can assist you with any queries or issues related to both hardware and software functionality.
- **24/7 Uptime Monitoring:** Our on-call team actively monitors the cloud and cellular service to minimize downtime, ensuring your operations continue smoothly and without disruption.
- **Warranty:** See our General Terms and Conditions for details about our product warranty.

Temperature Sensors

Wireless Temperature Sensor

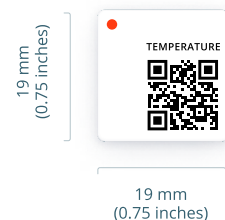
The Wireless Temperature Sensor can measure temperatures from -40°C to 85°C (-40°F to 185°F), and it allows configurable data transmission intervals, from every 5 minutes up to an hour. Moreover, it can be set to measure temperatures as frequently as every 30 seconds. Temperature Sensors can be calibrated, see details below, enhancing accuracy to $\pm 0.25^{\circ}\text{C}$ ($\pm 0.45^{\circ}\text{F}$). When operating at -40°C to 35°C (-40°F to 95°F), the sensor can last up to 15 years. The sensor's lifespan is ~10 years when operating at 70°C (158°F).



Product Name	Region	Product No.
Wireless Temperature Sensor EU	Europe	102739
Wireless Temperature Sensor US	North America	102740

Wireless Temperature Sensor with Data Backfill

The Wireless Temperature Sensor can measure temperatures from -40°C to 85°C (-40°F to 185°F), and it allows configurable data transmission intervals, from every 5 minutes up to an hour. Moreover, it can be set to measure temperatures as frequently as every 30 seconds. Temperature Sensors can be calibrated, see details below, enhancing accuracy to $\pm 0.25^{\circ}\text{C}$ ($\pm 0.45^{\circ}\text{F}$). Calibrated sensors are EN12830 certified. When operating at -40°C to 35°C (-40°F to 95°F), the sensor can last up to 15 years. The sensor's lifespan is ~10 years when operating at 70°C (158°F). If disconnected, the Wireless Temperature Sensor with Data Backfill stores and backfills data when reconnected.



Product Name	Region	Product No.
Wireless Temperature Sensor with Data Backfill EU	Europe	102683
Wireless Temperature Sensor with Data Backfill US	North America	102685

Calibration Service for Temperature Sensors

Wireless Temperature Sensors can be calibrated by DT for improved and documented accuracy. The setup meets the requirements of traceability stated in the ISO 17025:2017 standard. The sensors are calibrated to $\pm 0.25^{\circ}\text{C}$ in a 5-point calibration routine (-30°C to 50°C) and delivered with a digital downloadable calibration certificate.

Product Name	Region	Product No.
Calibration Service & Certificate	Global	800032

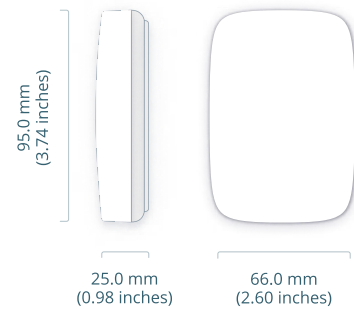
Note: Calibration has to be ordered with sensors in multiples of 25.



Wireless Temperature Probe Sensor

The Wireless Temperature Probe Sensor measures Temperature (°C/°F) through an industry standard PT100 or PT1000 temperature probe. The sensor comes with a 4-pin connector that supports 2, 3 and 4 wire configuration.

Measurement intervals can be configured to as low as every 30 seconds. If the sensor is unable to send data to nearby gateways, the sensor will store the data and backfill it when reconnected. With a 2.5-minute update rate, powered by two replaceable AA batteries, it can achieve a battery life of up to 15 years.

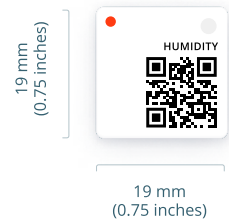


Product Name	Region	Product No.
Wireless Temperature Probe Sensor EU	Europe	102772
Wireless Temperature Probe Sensor US	North America	102774
Ultra Low Temperature Probe	Global	-
Cryogenic Temperature Probe	Global	-
High Temperature Probe	Global	-

Environmental Monitoring

Wireless Humidity Sensor

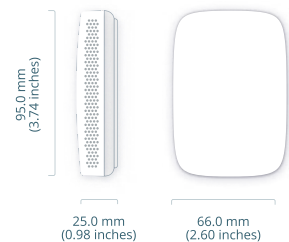
The Wireless Humidity Sensor measures relative humidity from 0 - 100% RH and temperatures from -40°C to 85°C (-40°F to 185°F), using a precise digital humidity and temperature sensor. It offers $\pm 3\%$ accuracy within 20-80%RH and $\pm 0.4^\circ\text{C}$ ($\pm 0.72^\circ\text{F}$) for temperature. Transmitting data every 15 minutes, it can achieve a battery life of up to 10 years at room temperature.



Product Name	Region	Product No.
Wireless Humidity Sensor EU	Europe	102081
Wireless Humidity Sensor US	North America	102087

Wireless CO2 Sensor

The Wireless CO2 Sensor uses a precise non-dispersive infrared (NDIR) sensor to measure the CO2 level in parts per million (ppm), and also measures temperature ($^\circ\text{C}/^\circ\text{F}$), humidity (%), and barometric pressure (Pa/bar). It typically maintains an accuracy of ± 45 ppm, and features an auto-calibration function that ensures ongoing accuracy. With a 5-minute update rate, powered by two replaceable AA batteries, it can achieve a battery life of up to 10 years.

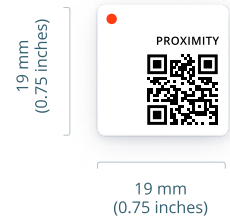


Product Name	Region	Product No.
Wireless CO2 Sensor EU	Europe	102521
Wireless CO2 Sensor US	North America	102522

Door & Window Sensors

Wireless Proximity Sensor

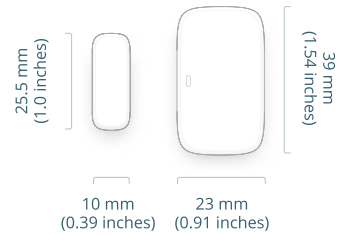
The Wireless Proximity Sensor detects the presence or removal of an object within 5 mm of its front. It sends a binary message, PRESENT or NOT PRESENT, every time there's a change in the object's state. This makes it ideal for monitoring the opening of doors or windows, or checking if an object is present or removed. For energy efficient activity tracking, Wireless Proximity Sensors can be set to count the number of door openings instead of sending a message every time a door opens.



Product Name	Region	Product No.
Wireless Proximity Sensor EU	Europe	102064
Wireless Proximity Sensor US	North America	102096

Wireless Door & Window Sensor

The Wireless Door & Window Sensor monitors if doors and windows are closed or open based on the presence of a magnet, and sends an alert immediately upon a change in status. It supports a detection range of 30 mm, making it suitable for almost any door and window monitoring application. The sensor is designed to deliver reliable performance on all surfaces, including metal, with a wireless range of up to 150 meters. The battery life is up to 15 years.

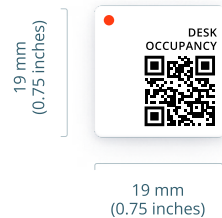


Product Name	Region	Product No.
Wireless Door & Window Sensor EU	Europe	102736
Wireless Door & Window Sensor US	North America	102737

Occupancy Sensors

Wireless Desk Occupancy Sensor

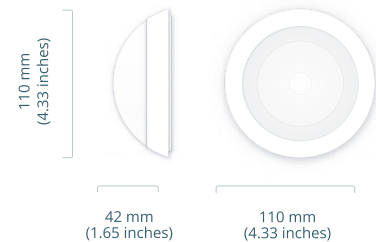
The Wireless Desk Occupancy Sensor uses a combination of temperature measurements and machine learning to determine if a desk is occupied or not, based on changes in temperature caused by the presence of people sitting at a desk. When the desk is occupied, an OCCUPIED state event is transmitted to the cloud. Conversely, a NOT OCCUPIED state event is sent to the cloud when the desk becomes vacant.



Product Name	Region	Product No.
Wireless Desk Occupancy Sensor EU	Europe	102553
Wireless Desk Occupancy Sensor US	North America	102554

Wireless Motion Sensor

The Wireless Motion Sensor uses Passive Infrared Sensor (PIR) technology to detect when there are people in a room. With a 360° field-of-view and up to 14 meters (46 ft) detection diameter, it's ideal for tracking occupancy and occupancy duration in a room or area within a building. The Wireless Motion sensor has a battery life of 15 years, powered by 2x replaceable AA batteries.

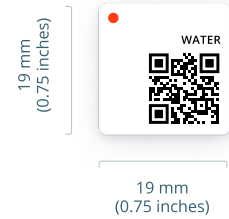


Product Name	Region	Product No.
Wireless Motion Sensor EU	Europe	102517
Wireless Motion Sensor US	North America	102518

Other Sensors

Wireless Water Sensor

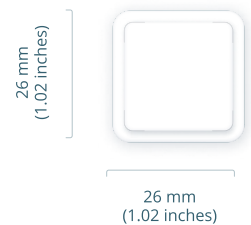
The Wireless Water Sensor detects the presence or absence of water, sending a binary PRESENT or NOT PRESENT message whenever this state changes, which is ideal for identifying water leaks. With an IP68 rating, the sensor is resistant to both water and dust. Wireless Water Sensors can achieve a battery life of up to 15 years.



Product Name	Region	Product No.
Wireless Water Sensor EU	Europe	102078
Wireless Water Sensor US	North America	102084

Wireless Tactile Touch Sensor

The Wireless Tactile Touch Sensor sends a message to the cloud when it is pressed. The sensor has built-in mechanical feedback to let the user know that it has been touched, making it perfect for collecting feedback from tenants in a building or registering service tickets when something needs maintenance.



Product Name	Region	Product No.
Wireless Tactile Touch Sensor EU	Europe	101594
Wireless Tactile Touch Sensor US	North America	101643

Range Extenders

Sensor accessories are designed to augment specific features of sensors for targeted use cases. Each accessory incorporates a built-in Range Extender, a passive wireless antenna capable of amplifying the radio signal, thereby potentially expanding the wireless range between a sensor and a Cloud Connector by up to 4x.

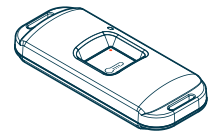
Range Extender

The standalone range extender is a thin, flexible patch made for amplifying the range of the sensor when used on a non-metal surface, making it perfect for use in combination with the Desk Occupancy Sensor.



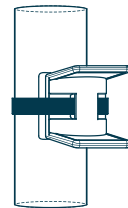
Ambient Range Extender

The Ambient Range Extender is specifically engineered to measure ambient air temperature in environments where materials might obstruct the sensor's signal. This makes it an ideal solution for use in freezers, refrigerators, and air ducts.



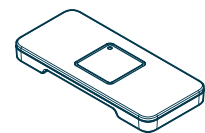
Pipe Range Extender

The Pipe Range Extender enhances the accuracy of measuring surface temperatures of water pipes and power cables. It comes with a flexible thermal pad and a zip tie, simplifying the process of affixing the sensor to a pipe or cable.



Water Detector Range Extender

The Water Range Extender facilitates the detection of water leaks by positioning the sensor's detection surface (front) approximately 1mm above the floor. For enhanced detection radius, a textile add-on can be used with the Water Detector Range Extender.



Product Name	Region	Product No.
Range Extender	Global	101925
Ambient Range Extender	Global	101693
Pipe Range Extender	Global	101702
Water Range Extender	Global	101707
Water Range Extender Textile Add-on	Global	101881



Gateways

The Cloud Connector acts as a gateway, sending data from wireless sensors to a cloud service through cellular or ethernet connectivity. Compatible with wireless sensors using the SecureDataShot™ protocol, it has an internal SIM card allowing automatic roaming across multiple cellular providers without user configuration. The Cloud Connector ensures reliability by automatically switching to cellular connectivity via its SIM card if the primary ethernet connection fails. This provides an extra layer of dependability for sites using ethernet connections.



Cloud Connector - Cellular

Product Name	Region	Product No.
Cloud Connector EU - Cellular	Europe	102505
Cloud Connector US - Cellular	North America	102506

Cloud Connector - Ethernet Only

Product Name	Region	Product No.
Cloud Connector EU - Ethernet Only	Europe	102673
Cloud Connector US - Ethernet Only	North America	102644

Subscriptions

Sensor Subscriptions

Subscriptions are required for all Wireless Sensors and must be ordered in a quantity equivalent to the number of sensors. We offer discounted rates on subscriptions for 3 and 5-year contracts. For these multiyear contracts, we require full payment upfront. Unless specified differently at renewal, sensors are renewed on a 1-year contract basis.

Product Name	1 Year	3 Year	5 Year
Sensor Subscription - Temperature	800001	800002	800003
Sensor Subscription - Humidity	800004	800005	800006
Sensor Subscription - Touch	800007	800008	800009
Sensor Subscription - Door & Window	800010	800011	800012
Sensor Subscription - Water	800013	800014	800015
Sensor Subscription - Motion	800016	800017	800018
Sensor Subscription - CO2	800019	800020	800021
Sensor Subscription - Desk Occupancy	800022	800023	800024

Cloud Connector Subscriptions

Subscriptions are required for all Cloud Connectors with cellular capabilities and must be ordered in a quantity equivalent to the number of gateways. We offer discounted rates on subscriptions for 3 and 5-year contracts. For these multiyear contracts, we require full payment upfront. Unless specified differently at renewal, Cloud Connectors are renewed on a 1-year contract basis.

Product Name	1 Year	3 Year	5 Year
Cloud Connector - Cellular Subscription	800025	800026	800027

Extended Data Storage Plans

All Studio users can access sensor data in Studio or through the REST API for 31 days. To get access to data for a longer period, we provide data storage plans that let you access for up to 3-years of sensor data.

Product Name	Sensor Limit	Monthly	1 Year	3 Year
Extended Data Storage - Essentials Plan	Up to 1,000	Contact Sales	Contact Sales	Contact Sales
Extended Data Storage - Pro Plan	Up to 10,000	Contact Sales	Contact Sales	Contact Sales
Extended Data Storage - Enterprise Plan	Unlimited	Contact Sales	Contact Sales	Contact Sales

Kit Overview & Order Codes - Europe

Unless otherwise specified in the purchase order, DT may deliver orders of the same product type above 25 units in a combination of sensor kits. As an example, a order for 125 Wireless Temperature Sensors can be delivered as 1x 100 kit and 1x 25 kit, or 5x 25 kits depending on inventory status. The full list of article numbers and kits are listed below.

Wireless Sensors

Product No.	Name	1x	25x	100x
102739	Wireless Temperature Sensor	902739	102741	102742
102683	Wireless Temperature Sensor with Data Backfill	902683	102687	102688
102772	Wireless Temperature Probe Sensor	102773	-	-
-	Ultra Low Temperature Probe	-	-	-
-	Cryogenic Temperature Probe	-	-	-
-	High Temperature Probe	-	-	-
102081	Wireless Humidity Sensor	902081	102083	102269
102521	Wireless CO2 Sensor	102519	-	-
102064	Wireless Proximity Sensor	902064	102066	102243
102064	Wireless Door & Window Sensor	102770	-	-
102553	Wireless Desk Occupancy Sensor	902553	102606	102607
102517	Wireless Motion Sensor	102414	-	-
102078	Wireless Water Sensor	902078	102080	102268
101594	Wireless Tactile Touch Sensor	102519	102070	-

Gateways

Product No.	Name	1x	25x	100x
102505	Cloud Connector - Cellular	102572	-	-
102673	Cloud Connector - Ethernet Only	102672	-	-

Kit Overview & Order Codes - North America

Unless otherwise specified in the purchase order, DT may deliver orders of the same product type above 25 units in a combination of sensor kits. As an example, a order for 125 Wireless Temperature Sensors can be delivered as 1x 100 kit and 1x 25 kit, or 5x 25 kits depending on inventory status. The full list of article numbers and kits are listed below.

Wireless Sensors

Product No.	Name	1x	25x	100x
102740	Wireless Temperature Sensor	902740	102743	102744
102685	Wireless Temperature Sensor with Data Backfill	902685	102690	102689
102774	Wireless Temperature Probe Sensor	102775	-	-
-	Ultra Low Temperature Probe	-	-	-
-	Cryogenic Temperature Probe	-	-	-
-	High Temperature Probe	-	-	-
102087	Wireless Humidity Sensor	902087	102089	102313
102522	Wireless CO2 Sensor	102520	-	-
102096	Wireless Proximity Sensor	902096	102098	102286
102737	Wireless Door & Window Sensor	102771	-	-
102554	Wireless Desk Occupancy Sensor	902554	102609	102610
102518	Wireless Motion Sensor	102439	-	-
102084	Wireless Water Sensor	902084	102086	102312
101643	Wireless Tactile Touch Sensor	901643	102099	-

Gateways

Product No.	Name	1x	25x	100x
102506	Cloud Connector - Cellular	102573	-	-
102644	Cloud Connector - Ethernet Only	102674	-	-