



Dyzle Temperature and Humidity Wireless Sensors — Y-Tag

Y-Tag Temperature 2.0

The Y-Tag Temperature 2.0 is a wireless temperature sensor used to register temperature in cold stores, refrigerators, warehouses, trailers, etc. The Y-Tag operates in combination with a base station (Y-Gate).

Y-Tag RH (Humidity) 2.0

The Y-Tag RH is a wireless relative humidity sensor used to register environmental conditions in cold stores, food supply chain and production locations. The Y-Tag operates in combination with a base station (Y-Gate).

Features

- 21 CFR Part 11 Compliant
- GDP Compliant
- Real-Time Automated Monitoring and Registration
- HACCP Compliant
- GPS Function
- SMS Alert



See **Y-Gate** for Complete Temperature and Humidity Wireless Monitoring System

SPECIFICATIONS

Product Name	Y-Tag Temperature 2.0	Y-Tag RH 2.0
Measurement Range	Internal Sensor: -25°C to +50°C External Sensor: -50°C to +125°C (optional)	10% to 90% RH (Non-condensing)
Accuracy	±0.5°C from -10°C to 85°C, otherwise ±1°C	±4% from 30% to 80% approx ±5% below 30% and above 80%
Resolution	0.065°C	0.04%
Measurement Interval	5 seconds	5 seconds
Operating Temperature	-25°C to +50°C	0 to +50°C
Operating Humidity	-	10% to 90% RH (Non-condensing)
Water Resistance	IP67 (Waterproof)	IP30
Optional Accessories	External Temperature Sensor (cable up to 15m)	-
Memory	±25 days (Data backup when connectivity with the Y-Gate is lost)	
Connectivity with Y-Gate	WiFi, 2.4GHz (proprietary encrypted)	
Connectivity Range	330ft (100m) (Free field)	
Power Supply	3.6V DC (Lithium battery pack)	
Guaranteed Battery Life	1 year (Room temperature)	
Dimensions	122 x 44 x 21mm	
Weight	100 grams	

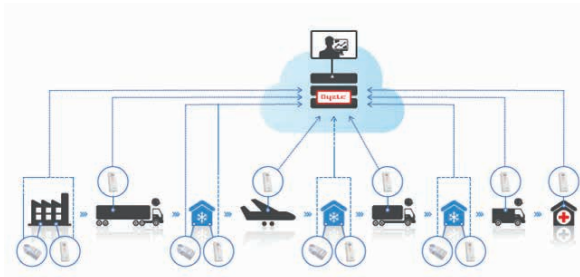
MODEL	DESCRIPTION
DYZ-TAG-AT-V2	Y-Tag Ambient Temperature Wireless Sensor (IP67)
DYZ-TAG-RH-V2	Y-Tag RH (Humidity) Wireless Sensor
DYZ-TAG-DOOR-V2	Y-Tag Door Monitoring Sensor
Optional Accessories	
DYZ-EXT-xxM	External Temperature Sensor, Cable Length(xx): 0.5, 2.5, 5.0, 10 and 15m
Optional Calibration	
DYZ-CAL-TEMP3	Y-Tag Temperature Traceable 3-Point Calibration
DYZ-CAL-RH3	Y-Tag RH Traceable 3-Point Calibration

Dyzle Sensor Gateway — Y-Gate

Dyzle®



Y-Gate is a base station that connects with the Y-Tag wireless sensors and sends data to Dyzle using the GPRS (mobile phone) network. The Y-Gate does not store data.



All Cold-Chain Data in A Central Database

SPECIFICATIONS

Connectivity with Y-Gate	WiFi, 2.4Ghz (Propriety encrypted)
Connectivity Range	330ft (100m) (Free field)
Max number of connected sensors	64
Data Transmission Time	Less than 5 minutes (from sensor to Dyzle)
Power Supply	Power Adapter 220-240V AC, 50-60Hz (DYZ-GATE-230V-V3) 9 - 30V DC (DYZ-GATE-9-30V-V3)
Operation Temperature	-25°C to +50°C (-13°F to 122°F)
Memory	None
Water Resistance	IP30
Dimensions	18 x 82 x 33mm
Weight	160 grams
Accessories Included	UMTS/GPRS antenna, WiFi antenna, Power adapter Power cable (DYZ-GATE-230V-V3 only)

MODEL

DESCRIPTION

DYZ-GATE-230V-V3	Y-Gate 3.0 UMTS/GPRS 230V
DYZ-GATE-9-30V-V3	Y-Gate 3.0 UMTS/GPRS 9-30V



GPS Function



Dyzle Online Portal