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AWARE PRODUCT SPECIFICATION SHEET

FITNESS CENTER SENSOR



DESCRIPTION

Aware Fitness Center Sensors track fitness equipment usage, indicate the availability of individual machines, and monitor temperature and humidity in the gym. Fitness Center Sensors are compact and non-invasive, and can be placed on virtually any type of fitness equipment including treadmills, ellipticals, bikes, rowers, and weights.

Managers and owners can access equipment usage data and sensor status through the Aware manager dashboard. Gym users and building residents can access individual equipment availability and gym conditions through the BuildingLink Resident app, or by using the Amazon Echo BuildingLink skill. For example, residents can ask Alexa if the gym is crowded, or if any treadmills are available.

Sensors utilize proprietary Low Power Wide Area Network (LPWAN) technology to connect to the Aware Fitness Center Hub, and transmit equipment usage information to the Aware dashboard.

SENSOR SPECIFICATIONS

Temperature Accuracy	± 0.4° C (0.7° F)
Operating Temperature	-20 to +80 °C
Humidity Accuracy	± 3% RH
Operating Humidity	0% to 100% RH
Power Supply	1x CR-123 Lithium Battery

WIRELESS

Technology / Protocol	Low Power Wide Area Network (LPWAN)
Frequency	1,000 ft + based on environment
Wireless Range	30 sec.

APPLICATION POSSIBILITIES

- Fitness equipment monitoring (electric and non-electric); application possibilities include but are not limited to treadmills, ellipticals, bikes, rowers, and weights.
- Fitness Center temperature and humidity environmental monitoring

PHYSICAL SIZE

Dimensions	3-1/8" x 1-10/16" x 1-1/4" (8cm x 4.1 cm x 3.2 cm)
Product Weight (ea.)	1.5 oz (42.5 g)

KEY FEATURES

- Full suite of equipment utilization data
- Temperature and humidity monitoring
- Instant pairing with the Aware Fitness Center Hub
- Sensor configuration and provisioning through the Aware Config App
- Low Power Wide Area Network (LPWAN)
- 4-year battery life (configuration dependent)

ATTACHMENT OPTIONS

- Zip tie, double-sided VHB tape or velcro