



TECHNICAL DATA SHEET

DataPUCK™

SITE LOGGER

Temperature | Humidity

DataPUCK's capture historical ambient temperature and humidity data for up to 2-3 years and seamlessly store conditions in CLiMIT's cloud database.

FEATURES

- Capture ambient temperature and humidity data at selected intervals
- Easily connects to the CLiMIT™ mobile app via Bluetooth
- Data is formatted into professional, intuitive reports
- Ideal for post installation monitoring and warranty protection
- Up to 2-3 year battery life

The CLiMIT™ DataPUCK™ is a long-term, ambient temperature and humidity, site logger featuring the latest Bluetooth® 5.0 technology and a NRF52832 memory chip. It captures and records temperature and relative humidity from the surrounding environment as historical data. The DataPUCK can store up to 16,384 temperature, humidity and dewpoint measurements. When the internal memory is full, sensor will start to overwrite the oldest existing data.

Frequency of readings will affect the length of the storage period. Readings every 2 hours = ~3 years of data, readings every 1 hour = ~1.5 years of data before overwriting of historical data begins. Each sensor monitors up to 2,000 sf. of open space.



Any mobile phone with Bluetooth 5.0 or above, and the CLiMIT™ app, can seamlessly connect to the DataPUCK™ to upload and view recorded conditions. Your CLiMIT™ app securely stores data in the CLiMIT™ cloud database in your job file. Generate CLiMIT™ reports for professional communication with clients.

The DataPUCK™ is small, lightweight, portable, and highly accurate. It is commonly used by flooring and millwork installers to capture essential data post installation that proves valuable when helping to understand historical ambient conditions, essential to supporting product warranty requirements.

DEVICE CHARACTERISTICS

Climate Measurements

Temperature	Accuracy Tolerance	+/- 0.2° F (0.1° C)
	Resolution	0.2° F (0.1° C)
Humidity	Accuracy Tolerance	±1.5% RH (typ.)
	Resolution	0.1% RH
Operating Range	-22°F to 140°F (-30°C to 60°C)	
Measurement Interval	Minimum 1 hour, adjustable up to 24 hours.	
Storage Capacity	16,384 Readings	

Power Sources

Battery Life	Up to 2-3 years (depending on frequency of usage)
	Replaceable CR2450 Coin Cell

Physical Characteristics

Weight	1 oz (30g)
Dimensions	Length: 2.4 in. (60mm)
	Width: 2.6 in. (67mm)
	Height: 0.6 in. (16mm)

Connectivity

Frequency	2.4 GHz
Protocol	Bluetooth, BLE 5
Typical Read Range	Up to 150 ft. or 46m

Indicator/Buttons

LED	1 LED Status
Button	Touch Sensitive

Certifications

IC	4100A-BM832
Regulatory (FCC)	FCC ID: X8WBM832



QUICK START

Step 1. Place your DataPuck™ device in the desired location that you want to monitor temperature and relative humidity.

Powering On/Off		
Operation	LED Sequence	Event Description
Press button for 2 seconds	Green LED on for 2 seconds	Device is starting up
Press button for 2 seconds	Red LED blinking twice for 1 second	Device is shutting down
	Green LED blinking every 10 seconds	Device is broadcasting

Step 2. Download the CLiMIT™ app from either the Apple App Store or the Google Play store.



Step 3. Open the app, give your DataPuck™ device its own unique name, adjust the default settings, and you are ready to begin monitoring temperature and RH at whatever frequency you desire. The DataPuck™ has a password feature. The password can be set from the “Device Settings” menu. Once a password has been set, the user will be prompted to enter the password every time they try to change the settings for that device.

Note: Users can still sync the DataPuck™ device and view the data without entering a password. For the DataPuck™, the password will have to be entered in order to sync and view the data.

