



MOKO SMART

DL001 Data Logger



LoRaWAN® Sensor

Precise & Vigilant,
Uninterrupted Monitoring



External probe version available

IP66 waterproof

Large local data storage

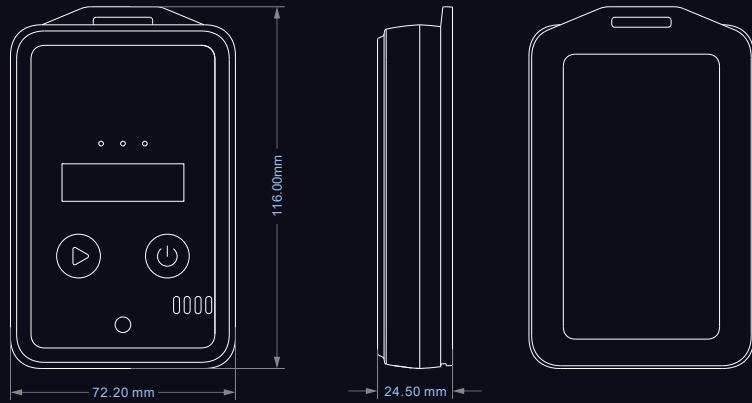
Smart T&H alarm mechanism

T&H monitor mode optional

High-accuracy T&H monitoring

DL001 is a LoRaWAN®-enabled temperature and humidity (T&H) data logger, designed for both indoor and outdoor environmental monitoring. It is equipped with high-precision sensors and facilitates seamless LoRa wireless data transmission to cloud platforms. Its built-in Flash storage records data offline and uploads it when the network is back. The standard T&H monitoring mode enables DL001 to meet various environmental monitoring needs. Ideal for logistics, cold chain management, and other industrial monitoring applications. Available now in rechargeable, non-rechargeable and external probe variants.

DL001 Data Logger



Application Scenarios



Categories	Parameter	Value
LoRa Wireless Specification	LoRa Protocol	LoRaWAN V1.0.3
	Lora Frequency	EU868/AU915/US915/AS923/IN865/KR920/RU864/AS923-1/AS923-2/AS923-3/AS923-4
	Tx Power	Max 22dBm
	LoRa Communication Distance	Up to 7 km (in urban open space)
T&H Performance	Temperature Measure Accuracy	±0.2°C (0°C~60°C)
	Humidity Measure Accuracy	Typical: ±1.8%
BLE Wireless Specification	Bluetooth® (BLE)	V5.0
	TX Power	Max 4 dBm
	BLE Scan Distance	Up to 50m in free space
	BLE Scan Distance (1M PHY)	Up to 150m in free space
Power Supply	Power Supply	Replaceable Version: 10400 mAh battery NI-MH Rechargeable Version: 2200mAh battery Li-Po Rechargeable Version: 4000mAh battery
Physical Specification	Dimension	116*72.2*24.5
	Weight	<200g
Application Specification	Power Switch	Power button
	Operation Temperature	-20°C~60°C
	Operation Humidity	5%~95%
	Certification	CE/FCC/Reach/RoHS pending approval