

# Environmental monitoring

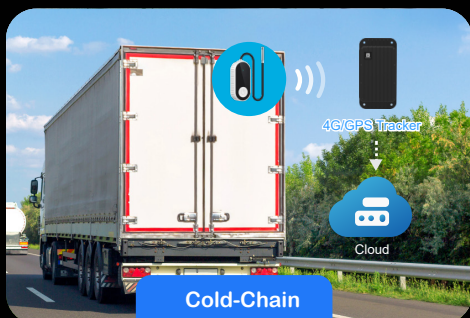
## H4 Series

Temperature & Humidity Sensor

Discover our temperature & humidity sensor model based on Bluetooth Low Energy from MOKO with a long-lifetime battery and multiple options.

Perfect for T&H traceability or monitoring use cases, fresh food delivery tracking, agriculture environmental monitoring, and cold-chain transportation. It collects the temperature and humidity of the environment and transmits the data via BLE to vehicle trackers or BLE gateways, then transmitted to server finally.

### Applications



±0.3°C / ±2% RH  
High accuracy



50000 groups  
historical data storage






5 years  
Battery lifetime



T&H&Pressure  
All-in-one Sensor

### General specifications

	H4	H4 Pro	H4 Probe
ID appearance			
Dimensions(L*W*H)	70mm x 32.2mm x 18.2mm	88mm x 32.2mm x 18.2mm	70mm x 32.2mm x 18.2mm (H4) Φ3.0 with 1 meter length (Probe)
Connectivity	BLE 5.1		
Color	White		
Material	ABS+PC & PMMA		
IP rating	IPX4		
Battery capacity	1200mAh   2*AA Replaceable battery		
Battery lifespan	5 years		
Flash	2M Bytes (60000 groups data logging support)		
LED	Red & Green & Blue		
Accelerometer sensor	Optional		
Barometric pressure sensor	Optional		
Operating temperature	-20°C/ +60°C (Body)    -40°C/ +125°C (Probe)		
Temperature accuracy	±0.5°C         ±0.3°C         ±0.3°C		
Humidity accuracy	±3% RH         ±2% RH         ±2% RH		
Certification	FCC   CE   RoHS   REACH		