

MICROTHERMO NFC

Microthermo Disposable NFC Temperature Datalogger

 Part **NFCMIC**

A compact, tamper-evident and ultra low-cost solution, the LoggerFlex Microthermo Single Use NFC Temperature Datalogger provides end-to-end cold chain visibility. Designed for critical shipments where data integrity, regulatory compliance, and cloud access are essential, this device is ideal for single-use applications.



At a glance

 MEASURES Temperature	 BATTERY LIFE 5 years on the shelf	 INTERNAL MEMORY 4,000 temperature records
 RECORDING INTERVAL Every 10 minutes by default	 BATTERY CR2032 3 V lithium coin cell	 SIZE 72 × 49 × 5 mm (2 27/32 × 1 15/16 × 3/16 in)

Built-in sensors

SENSOR	RANGE	ACCURACY	RESOLUTION
Temperature Built-in · Record & Alarm	-20 °C to +70 °C (-4 °F to +158 °F)	±0.5 °C (±0.9 °F)	0.1 °C (0.2 °F)

RECORDING, LF CLOUD AND POWER

Recording interval	Every 10 minutes by default (programmable by order).
Internal memory	4,000 temperature records.
Battery life	5 years on the shelf; about 1 year once activated (CR2032 3 V coin cell).
Battery	CR2032 3 V lithium coin cell (non-replaceable)

ENCLOSURE AND ENVIRONMENT

Dimensions (L × W × H)	72 × 49 × 5 mm (2 27/32 × 1 15/16 × 3/16 in)
Net weight	9 g (0.3 oz)

WIRELESS AND COMPLIANCE

NFC	Near Field Communication for instant cloud upload via mobile app
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MORE FEATURES

Recording Duration	About 27 days at the default 10-minute interval.
On-Device Alarm	None; all alarm analysis and violation reporting handled within LoggerFlex Cloud Application.
Memory behaviour	By default, recording stops when the memory is full (4,000 records, about 27 days at 10 minutes). Overwrite-oldest, recording interval, start delay and alarm limits are programmable by order.

— Good to know

- **No subscription, ever:** scan the tag with the free LoggerFlex app and the trip uploads to LF Cloud.
- **Waterproof and tamper-evident:** ships with the goods, in the box or in the cooler.
- **Set to order at no extra cost:** recording interval from 1 minute to 24 hours, start delay and alarm limits.
- **Alert at the scan:** an email and push alert goes out when a scan finds a reading outside the limits.
- **No PC or reader:** any NFC-capable iPhone or Android phone reads the tag.
- **LF Cloud reports:** trip charts, minimum, maximum and excursion reports, shared with your team.

Request a quote →

Sold and supported through LoggerFlex distributors. An engineer replies within one business day.

sales@loggerflex.com 1-888-365-8880 www.loggerflex.com/en/product/microthermo



Product page,
manuals and
LF Cloud
setup