



RadTag™ RT Series

Radiation monitoring made as easy as temperature logging

A Revolution for Radiopharmaceutical Transport

RadTag™ is the only commercially available device that combines radiation monitoring and temperature logging in a single, disposable unit—purpose-built for the transport of radiopharmaceuticals and other radiation-sensitive materials.

In current workflows, the real burden comes from manual radiation checks before and after shipment, while temperature logging and reporting are already automated. RadTag™ closes that gap by unifying both functions in one cost-effective, disposable device—making radiation QA as easy as temperature logging.

Paired with VisionCore™, NuCare's cloud-based platform, users and shippers can monitor radiation and temperature data, access reports, and verify compliance anytime, anywhere—with automatic uploads and secure regulatory documentation.

Why Choose RadTag™ ?

- **One device, two functions:** radiation + temperature logging in a single disposable tag.
- **Affordable price:** comparable to temperature loggers, with added radiation visibility.
- **Simplifies QA:** fully automated, no manual radiation checks needed.
- **Cloud connected:** VisionCore™ enables real-time monitoring and anytime, anywhere access.
- **Reliable and compliant:** meets global cold-chain and radiation monitoring standards.

Specification

Models	RadTag™ RT1	RadTag™ RT2	RadTag™ ART
Temp. Range	-30°C ~ +70°C	-80°C ~ +70°C	-80°C ~ +70°C
Temp. Accuracy	-30°C ~ +70°C : ±0.5°C	-30°C ~ +70°C : ±0.5°C others : ±1°C	-30°C ~ +70°C : ±0.5°C others : ±1°C
Rad. Dose rate range	10uSv/h~100mSv/h	10uSv/h~100mSv/h	10uSv/h~100mSv/h
Energy Response	100keV ~ 3MeV	100keV ~ 3MeV	100keV ~ 3MeV
Logging Capacity	18,000 points	18,000 points	18,000 points
Logging Interval	30s – 24h	30s – 24h	30s – 24h
Data Interface	USB	USB	BT, IoT SIM
IP rate	IP65	IP65	IP67
Report Format	Auto PDF report, CSV	Auto PDF report, CSV	Auto PDF report, CSV
Shelf Life	2 years	2 years	2 years
Runtime	120 days interval: 10m	120 days interval: 10m	360 days interval: 10m
Certification	CE, FCC, RoHS, KC, EN12830, ISO17052	CE, FCC, RoHS, KC, EN12830, ISO17052	CE, FCC, RoHS, KC, EN12830, ISO17052
Dimension	105x42x9.7 mm	105x42x9.7 mm	105x42x9.7 mm
Weight	36 g	36 g	55g
Software	VisionCore™	VisionCore™	VisionCore™
Mark	Unlimited	Unlimited	Unlimited
Alarm	Rad: 2 highs Temp: 2 lows/highs	Rad: 2 highs Temp: 2 lows/highs	Rad: 2 highs Temp: 2 lows/highs

LCD interface

The integrated LCD interface displays real-time radiation dose rate, temperature, battery level, alarm status, and the number of logged data points.

Power button functions: Press and hold for 5 seconds to start or stop logging, double-click to mark an event, and single-click to scroll through displayed information sequentially.

