



DOSIMETRY

MirionWatch™

Device for DMC 3000™ Bluetooth® Module



Enhance your safety with connectivity

DESCRIPTION

The MirionWatch device strengthens alarm alerting and reporting for personnel working in challenging environments.

Paired with the DMC 3000 dosimeter via our newly-released Bluetooth module, the MirionWatch device provides a wristband-based vibrational alert when an alarm threshold is met, acting as a reinforcement of the primary dosimeter alert. The vibrational alert is easily felt by the user, and an intuitive interface on the MirionWatch device displays alert details.

The MirionWatch device can fully integrate with the Mirion connected ecosystem (software and reader), offering a complete user experience.

ADVANTAGES

- Reinforcement of the dosimeter alarm
- Designed to use and pair easily with the DMC 3000 dosimeter
- High sensitivity alarm alert vibration
- Intuitive display for user safety
- Compatible with Mirion connected ecosystem

RELATED PRODUCTS

- DMC 3000 dosimeter (from FW V7.8.6); Bluetooth Low Energy module; ConnectStudio™ software (V1.2); Mirion WRM network; DosiServ™ software 2023; LDM 3200™ reader and LDMAccess; MirionWatch charger rack

FEATURES

- ✓ Wristband vibration alerts particularly useful for more challenging environments
- ✓ Designed for ruggedness and durability
- ✓ Quickly displays information on alarm type
- ✓ Smart pairing and battery management
- ✓ Low power optimized for long battery life
- ✓ Easy to decontaminate
- ✓ Waterproof IP67 (1 m, 1 hour)
- ✓ IPS touch display (legible in direct sunlight)
- ✓ Pairing notification by vibration
- ✓ Color indicator display



FUNCTIONALITY

DOSIMETER ALARM REINFORCEMENT FOR CHALLENGING ENVIRONMENTS

Comfortable to be worn for daily tasks, the MirionWatch unit provides additional protective awareness and reporting to the dosimeter with a wristband vibration alarm. Ideal for challenging conditions such as, hazardous situations, hot radiological tasks, or noisy environments.



NO DOSIMETERS LEFT BEHIND IN RCA

A MirionWatch device paired with a DMC 3000 dosimeter provides a connected signal between the units. If the paired distance is exceeded without both units, the MirionWatch will vibrate and remind the wearer to retrieve their dosimeter.



SMART BATTERY MANAGEMENT AND PAIRING

The MirionWatch device is designed to be easy to operate, automatically manage its battery use, and quickly pair with your DMC 3000 dosimeter via the new Bluetooth module. The device provides a minimum of 8-hour wear time to perform your tasks with confidence and safety.

In case of lost contact, the MirionWatch unit will reconnect to the most recently paired dosimeter automatically.



ELECTRICAL CHARACTERISTICS

- Battery life: Five days with normal use (eight hours/day)
2-pin USB charging dock (USB Type A – 500 mA)
- Time required for full charge: 2 hours

MECHANICAL CHARACTERISTICS

- **Display:** square 1.3 inch 240x240 IPS color capacitive touch display
- **Solid build:**
 - Dimensions: 37.5 x 40 x 11 mm
 - Weight: 38 grams
 - Made with zinc alloy and scratch resistant

ENVIRONMENTAL CHARACTERISTICS

- Temperature range: -10 °C to 50 °C (14 °F to 122 °F) / 0 °C to 50 °C (32 °F to 122 °F) for the telemetry function
- Relative humidity: <90% at 42 °C (108 °F)
- Storage: -20 °C to 50 °C (-4 °F to 160 °F)
- Shock, vibration and drop resistant
- Waterproof IP67 1 m (39 in) for one hour

COMPATIBILITY

- Compatible with DMC 3000 firmware V7.8 or higher
- Compatible with LDM 3200 reader (NFC optional)
- Compatible with WRMNet library and Mirion WRM3™ telemetry
- Compatible with Wristband Charger Rack
- Compatible with Bluetooth/NFC Standard



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