



READER

LDM 1000™

Enter or Exit Radiological Controlled Area reader



FEATURES

- Basic and accessible device with 7" touchscreen
- Dosimeter sleeve
- Compatible with all Mirion dosimeters
- Configurable languages
- Connection to the dosimetry system via TCP/IP network
- Downloadable configuration
- Offline standalone mode with local data backup
- Can be directly paired with turnstiles or body monitor devices

RELATED PRODUCTS

- LDMAccess™ Software
- DMC 2000™, DMC 3000™ and modules
- DosiCare and DosiServ Software
- LDM 3200™ reader

DESCRIPTION

The LDM 1000 is a ready to use reader, to enter and exit radiological controlled areas.

At the entrance of the controlled area, the LDM 1000 allows the user to fill in the data required by the dosimetry system and to activate the dosimeter. At the exit of the controlled area, the reader acquires dosimeter data and transfers it automatically to the dosimetry system.

It is compatible with Mirion technologies dosimetry systems et can be used in addition to LDM 3200™ and LDM 2000™

The LDM 1000 is equipped with a multilingual touchscreen and can get adapted to site specific badge readers.

LDM 1000 is available in two versions that cover all the needs for entrance or exit gates:

- LDM 1000c™ : this version can be installed on a wall, without integration.
- LDM 1000i™: this space-saving version is dedicated for portal integration at exit gates.



FUNCTIONS

- Possible replacement of a LDM 2000 by a LDM 1000 or use within an existing mix-population of existing readers
- DosiServ and DosiCare software compatible for access control mode
- Displayed worker data inputs (identification /RWP /task code)
- Parameters (reader mode) are automatically loaded at connection time by dosimetry system
- Local database to store transactions made in offline mode
- Automatically restores local data when the network is available
- Dynamic language choice by each worker (6 standard languages with possible customization)

MECHANICAL CHARACTERISTICS

LDM 1000i mechanical characteristics

- Dimensions :
 - Height: 315 mm
 - Width: 216 mm
 - Depth: 104 mm (integrated part included : 44 mm)
- Weight: 2.1 kg
- Compatible with DMC 2000, DMC 3000, modules et SORT™

LDM 1000c mechanical characteristics

- Dimensions :
 - Height: 315 mm
 - Width: 216 mm
 - Depth: 122 mm (with fixing hooks)
- Weight: 4.2 kg
- Mounting holes : M8
- Compatible with DMC 2000, DMC 3000, modules et SORT™

ELECTRICAL CHARACTERISTICS

- Power supply 110 – 230V AC
- Input voltage range: from 85V to 264V AC
- Input voltage frequency: 50 or 60 Hz
- Power consumption @ 115 VAC: 16W typ.
- Power consumption @ 230 VAC: 17W typ.
- Minimum recommended wire section: 0.75 mm²
- Voltage regulator: 2A

ENVIRONMENTAL CHARACTERISTICS

- Operating temperature range: from 0°C to +40°C.
- Storage temperature range: from -10°C to +55°C.
- Humidity range: 30% to 90%, non-condensing.
- IP certifications:
 - LDM 1000i: IP40 (front face only)
 - LDM 1000c: IP30
- EMC : exceeds IEC 61000-6.2 and ETSI EN301 489–1 requirements

OPTION

- Software LDMAccess

