MIRION TECHNOLOGIES

DOSIMETRY

LDM 3200™

RCA Entry/Exit Reader

A reader for nuclear industrial purposes

DESCRIPTION

The LDM 3200 unit is a reader dedicated for use by workers, to manage access for entrance/exit radiological controlled areas.

At the entrance of the controlled area, the LDM 3200 reader 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 the dosimeter data and transfers it automatically to the dosimetry system.

The reader is compatible with all Mirion Technologies dosimetry systems and can be used in addition to LDM 2000 readers.

The LDM 3200 reader is equipped with a multilingual touchscreen and can get adapted to site-specific badge readers.

RELATED PRODUCTS

- LDMAccess™ software
- DMC 2000GN™, DMC 3000™ and modules
- DosiCare™ and DosiServ™ software
- LDM 1000™ reader
- Compatibility with CARD™ software

FEATURES

- ✔ Flat and rugged device
- ✔ 10.1" touchscreen
- ✔ Dosimeter sleeve
- ✔ Rugged keypad
- ✔ Configurable languages (with integrated software)
- ✔ Connection to the dosimetry system via Ethernet
- ✔ Downloadable configuration
- ✔ Offline standalone mode with local data backup
- ✔ Digital I/O allowing the control of access control devices (turnstiles/body monitor)
- ✔ Barcode reader

LDM 3200™ RCA ENTRY / EXIT READER

FUNCTIONS

- Compatible with LDM 2000™ unit: possible replacement or use within an existing base of LDM 2000 reader
- 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 (six standard languages with possible customization)

MATERIAL CHARACTERISTICS

OVERALL

- Dimensions: 525 x 405 x 165 mm (20.7 x 16 x 6.5 in)
- Weight: < 13.5 kg (29.8 lb)
- Painted steel base
- IP30
- Rugged numeric metal keypad
- Dosimeter sleeve compatible with DMC 2000 and DMC 3000 (and associated modules)
- Hinged opening for an easy maintenance
- Lockable housing

PC-BASED SYSTEM

- OS: Windows 10
- 10.1" touchscreen type TFT

ELECTRICAL CHARACTERISTICS

- 100-230 V AC (50-60 Hz) or 10-36 V DC (optional)

TEMPERATURE RANGE

- 0 °C to 40 °C (32 °F to 104 °F)

INTERFACE

- Two extra USB ports for maintenance
- 10/100 BaseT network – RJ45
- RS232 port for body monitor communication (area exit)
- Four digital inputs and outputs for external devices (turnstiles/body monitor)
- Four wiring cable glands

OPTIONS

- Badge reader (customer specific)
- Barcode reader
- NFC Reader for MirionWatch™ device
- Inclined wall mount
- Integrated backup power supply (20 minutes) with automatic reader shutdown

ASSOCIATED SOFTWARE

LDM 3200 can be delivered with pre-installed software: LDMAccess or previous version LDM 3000 software

MIRION.COM