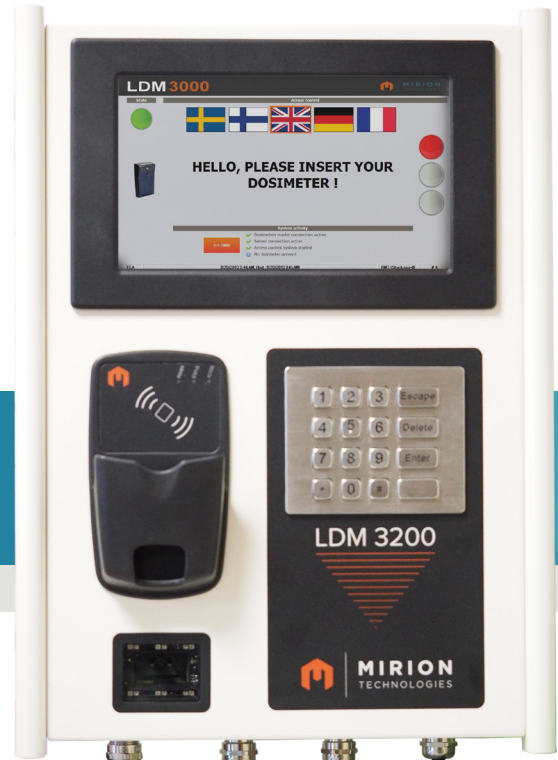# LDM 3200

RCA Entry/Exit Reader

Nuclear   Healthcare   Homeland Security & Defense   Labs and Education   Industrial and Mnufacturing

OVERVIEW

LDM 3200 is an Electronic Dosimeter self issue reader used to entrer and exit radiological controlled areas.
The unit is equipped with a multilingual touchscreen.
At the area entry, the LDM 3200 allows the worker to fill in the data requested by the dosimetry system and to activate the dosimeter.
At the area exit, the reader aquires dosimeter data and transfers them to the dosimetry system.

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

It offers the capability to adapt to site specific badge reader.

KEY FEATURES

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

RELATED PRODUCTS

- DMC 2000, DMC 3000 and modules
- DosiCare, DosiServ Software
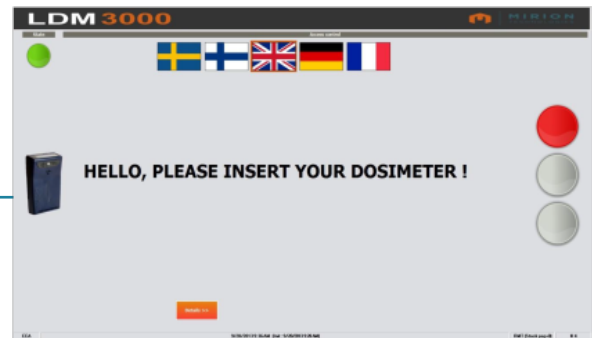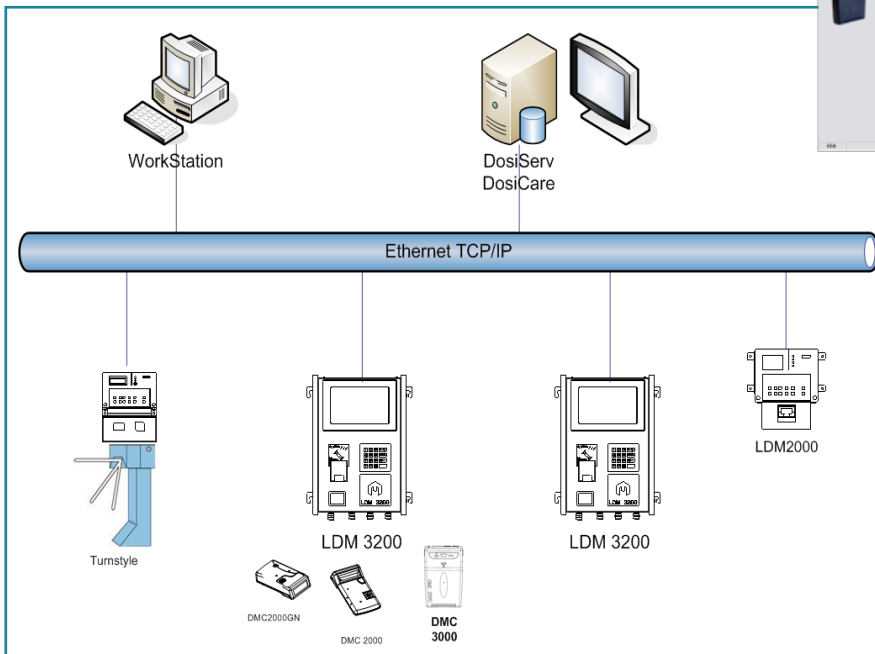
Division Health Physics

FUNCTIONS

- Compatible with LDM 2000 : possible replacement of a LDM 2000 by a LDM 3200 or use within an existing population of LDM 2000
- DosiServ and DosiCare 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 becomes available.
- Dynamic language choice by each worker (6 standard languages with possible customization).

MATERIAL CHARACTERISTICS

- **Overall**
  - dimensions 525 x 405 x 165 mm (20.7 x 16 x 6.50 in)
  - weight < 13,5 Kg (29,8 lbs)
  - painted steel construction
  - IP 30
  - rugged numeric metal keypad
  - dosimeter sleeve compatible with DMC 2000 and DMC 3000 and modules,
  - hinged opening for an easy maintenance
  - Lockable housing

- **PC based system**
  - Os : windows 7
  - 10.1 touchscreen type TFT

- **Electrical Characteristics**
  - 100-240V AC~ 4A 50-60 Hz (0,5A - 220 V AC) or 9-36 V DC (5A - 12 V DC) (optional)

- **Temperature range**
  - 0°C to 40°C (32°F to 104°F)

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

- **Options**
  - badge reader (customer specific)
  - barcode reader
  - inclined wall mount
  - Integrated backup power supply (20 minutes) with automatic reader shutdown

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