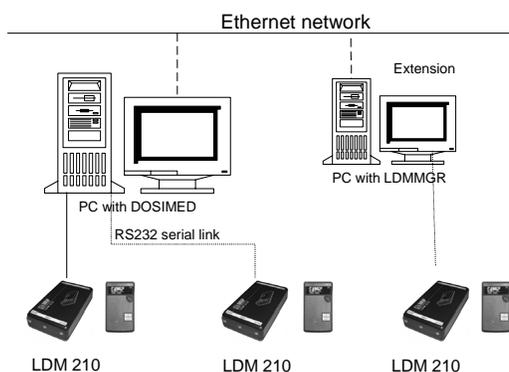


# LDM 210



The LDM 210 reader operates using software packages installed on computer (PC) and communicates with the dosimeters of the DMC 2000 and SOR family in pass-by data exchange mode.

- **no directional alignment required**
- **indicator lamps for operation and access control**
- **manageable digital inputs/outputs**
- **DSP based digital process**
- **compatible with DMC 2000 and SOR family**
- **compatible with software packages: DosiMed, DosiFast, DosiMass**

## Description

- two-color electroluminescent diode used as ON/OFF and data exchange indicator lamp
- two-color electroluminescent diode for READY/BUSY indication
- two-color electroluminescent diode for ACCESS/NO ACCESS indication
- SUBD 9 - pin female connector for RS232 data link
- JACK connector 5.5 x 2.1 mm (0.21 x 0.08 in) for DC power supply (RS 232)
- 2 HE10, 2 x 7- pin male connectors for 4 digital inputs and 4 digital outputs
- software downloadable and saved in flash

## Electrical characteristics

- universal power supply supplied:
  - input: 90 to 265 VAC- 47 to 63 Hz
  - output: 9 V DC<sub>o</sub> delivered with interchangeable US and Europe mains plug
- consumption: typical 100 mA under 9 V
- option (on request, please consult us):
  - power supply by 2AAA 1,5 V batteries
  - autonomy on batteries: typical 10 hours
- EMC: complies with and exceeds

## Operational characteristics

Associated to the DosiMed or DosiFast software, the LDM 210 reader is used as interface to activate a dosimeter (to switch in counting mode) or to deactivate it (to switch in pause mode).

Associated to the DosiMass software, it is used as interface to read and write the internal data of the dosimeter.

## Mechanical characteristics

- length: 110 mm (4.33 in)
- width: 65 mm (2.56 in)
- thickness: 28 mm (1.10 in)
- weight: 110 g (3.88 oz)

## Environmental characteristics

- operating temperature: 0 to +50°C (32°F to 122°F)
- storage temperature: -10°C to +60°C (+14°F to 140°F)
- humidity: 90% HR (without condensation)

## Communication with dosimeters

- short range high frequency bidirectional data exchange
  - nominal range: between 20 and 30 cm (7.87 and 11.81 in)
  - reduced range setting: between 5 and 20 cm (1.96 and 7.87 in)

