

ADVANCED TECHNOLOGIES FOR A SAFER WORLD



LDM 2000

Pass-By Data Exchange Dosimeter Reader

- wireless interface reader for the DMC 2000 family of electronic dosimeters
 - memorizes 2000 access control actions
 - message system
 - location
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- access control mode: wearer identification check, task number input, access authorization, gate or turnstile control
 - acquisition mode: in-motion readings of dosimeters which pass-by the reader's field, with data transmission to central computer for processing and topographic area location
 - configuration mode: interface to DOSIMASS software for configuration setting or history reading
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- full operator interface
 - customized, display messages
 - downloadable configuration
 - networkable
 - badge reader, security gate interface
 - standalone emergency mode with data memory
 - compatible with DOSIVIEW software

Pass-by data exchange offers unequalled operational flexibility: sub-area tracking plus real-time worker location, without imposing any restrictions on the dosimeter wearer.



Functional Characteristics

- back-lit alphanumeric display with 4 lines of 20 characters
- 4 indicator lights:
 - 2 lights for viewing dosimeter exchanges and monitor function indicator
 - 2 access control lights
- alphanumeric keyboard for data entry
- buzzer for audible alarms
- pass-by data exchange with range adjustment
- memory of more than 2000 entries/exits in autonomous emergency mode

Electrical Characteristics

- power supply:
 - 85 to 265 V AC 50 to 60 Hz
 - typical consumption 25 VA
- connections:
 - 3 isolated digital inputs
 - 3 relay outputs
 - 1 "centralizer" RS 232 or RS 485 serial interface
 - 1 "auxiliary" RS 232 serial interface
 - 1 external antenna connection

Mechanical Characteristics

- dimensions:
 - height: 235 mm (9.2 in)
 - width: 297 mm (11.7 in)
 - depth: 97 mm (3.8 in)
- weight: 3.67 kg (8 lbs)

Environmental Characteristics

- operating temperature: -20°C to +60°C (-4°F to 140°F)
- storage temperature: -25°C to +60°C (-13°F to 140°F)
- EMC: complies with and exceeds **CE** standards

Link with DMC 2000 Dosimeters

- link in pass-by mode by magnetic coupling
 - range up to 1.2 m (3.93 ft) for in-motion reading (2.4 m / 7.87 ft with external antenna added)

Options and Accessories

- optional keypad
- optional display
- without internal antenna
- additional external antenna
- entry/exit direction detection (contact us)
- connector band with HE 308 socket, access control report and lights
- ethernet module

