PROMAG™

LBR300
Configurable Mifare® (MAD) Sector Reader

Introduction:

LBR300 is an user configurable Mifare® sector data reader. It can be configured to read Mifare® card with MAD1/MAD2 standard in a Mifare® application open system, or can be configured to read the user-defined sector data (Non-MAD) in a user defined closed system. Output interface can be configured as an RS232 output,or Wiegand output or MSR ABA TK2.

LBR300 also can be set with a Reader ID number for multi-unit communication.

Features:

- Possible to be installed on metal surface
- Supports MAD1/MAD2 standard and customer MAD-AID setting
- Supports Non-MAD format with user-defined sector number.
- Supports Multi Sectors
- Reads Mifare® Standard 4K or Mifare® Standard 1K card
- Sets Reader ID number for multi-link application
- Three output interfaces: Wiegand (Default), RS232 and MSR ABA TK2
- Wiegand output is selectable from 26 bits to 128 bits
- RS232 output packet can be set with Header, Reader ID and trailer
- Internal LED and buzzer are configurable
- Weather resistant

※ Mifare is a registered trademark of Philips Electronics N.V.

Applications:

- Access Control System
- Time attendance
- Guest registration system
- Academic service
- Information service

Specifications:

Power Requirements	7.5 ~ 24 Volts ※ A linear regulator is recommended
Interface	Wiegand 26 bits ~ 128bits Selectable RS232, MSR ABA TK2
Card type	**Mifare MF1** standard cards for 1024 / 4096 bytes
Maximum reading distance	Up to 50 mm with **MFA01** card in ideal conditions
Frequency	13.56 MHz standard
Card format	MAD1 / MAD2
Audio / Visual Indication	**LED/Buzzer indication**
Dimensions	105mm × 105mm × 18mm
Housing material	ABS
Environment	Operating temperature 0 °C ~ + 60 °C Operating relative humidity 10~90%

Ordering information:

LBR300: Mifare Sector reader

※ Specification is subject to change without notice.

Light box style