PROMAG™

RFID Readers and Tags

Introduction:

GP Series RFID readers are high performance proximity readers featuring long range and small dimensions. The readers run from any voltage from 5 to 12.5V DC and feature high read range at as low as 5 volts making it ideally suited to a wide variety of applications, particularly access control. The same basic unit can be configured to output most of the common interface formats, including Wiegand, Magstripe, Clock / Data and RS232 serial ASCII output, making it easy to upgrade existing installations.

Features:

- ☆ **Wide Voltage range**
- ☆ **Potted for environmental protection**
- ☆ **Externally programmable interface**
- ● Weather resistant

Ordering information:

- ● GP8 – Small reader module for OEM applications
- ● GP20 – Up to 20 cm read range, wall-mounting
- ● GP30 – Up to 30 cm read range, wall-mounting
- ● GP60A – Up to 60 cm read range, wall-mounting
- ● GP90A – Up to 90 cm read range, wall-mounting

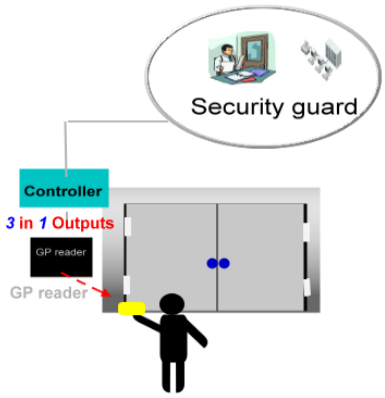
Specifications:

Power Requirements	5 ~ 12.5 V DC regulated, linear
Interfaces	Wiegand, MSR ABA Track2 or RS232
Read Range	➢ GP8: Up to 7 cm without external antenna with ISO card; up to 30 cm with proper external antenna ➢ GP20: Up to 13 cm at 5V with ISO card; up to 20 cm at 12.5V ➢ GP30: Up to 20 cm at 5V with ISO card; up to 30 cm at 12.5V
Frequency	125KHz, ASK
Format	64 bits, Manchester coding
Transponder	Read only
Dimensions	GP8 – 41 x 24 x 10 mm GP20 – 78 x 43 x 15 mm GP30 – 104 x 63 x 20 mm
Temperature Range	Readers: -25 ~ 65°C Transponders: -55 ~ 80°C

Ordering information for Transponders:

- ● CFR01 – 86 x 55 x 0.8 mm ISO card
- ● CFR03 – 86 x 55 x 2 mm Clamshell card
- ● TAG52 – Disc with diameter 52 mm, 8 mm thickness
- ● TAG50A – Disc with diameter 50 mm, 2 mm thickness **(Grey)**
- ● TAG25 – Disc with diameter 25 mm, 4 mm thickness
- ● TAG22 – Disc with diameter 22 mm, 4 mm thickness
- ● TAG25K – Key chain, W31 x H41 x D5 mm
- ● TAG20K – Tear drop key chain W30 x H45.2 x D5.1mm

※ **Specification is subject to change without notice.**



Reader options



Reader Module

GP20/30 Square housing

GP20N/GP30N Aerodynamic housing

Distance options : 20 - 90 cm available



We welcome OEM inquiries

- ♦ **Custom design manufacturing is available**
- ♦ **Custom device programming is available**
- ♦ **Call factory for other configuration**

集佳股份有限公司
GIGA-TMS INC.

8F.,NO.31, LANE 169, KANG-NING STREET,HSI-CHIH,TAIPEI,TAIWAN

TEL: 886-2-26954214

FAX: 886-2-26954213

e-mail: promag@ms24.hinet.net

promag@gigatms.com.tw

http://www.gigatms.com.tw

PROMAG™

New Housing Design

RFID Readers and Tags

Introduction:

Promag new- housing design RFID readers are high performance proximity readers featuring long range and small dimensions. The readers run from any voltage from 5 to 12.5V DC and feature high read range at as low as 5 volts making it ideally suited to a wide variety of applications, particularly access control. The same basic unit can be configured to output most of the common interface formats, including Wiegand, Magstripe, and RS232 serial ASCII output, making it easy to upgrade existing installations.

Features:

☆ **Potted for environmental protection**

☆ **Externally programmable interface**

☆ **New stylish housing to match modern construction**

● Weather resistant

Ordering information

- GP25 – Up to 25 cm read range, wall-mounting
- GP25A – Up to 25 cm read range, wall-mounting
- LBR100 – Up to 20 cm read range, wall-mounting for European type of light box, and LBR200 up to 5 cm read Range for Mifare UID reader

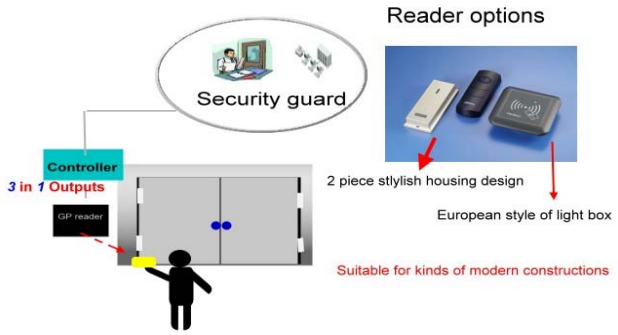
※ **Specification is subject to change without notice.**

Specifications:

Power Requirements	5 ~ 12.5 V DC regulated, linear 5-18VDC regulated linear for LBR200
Interfaces	Wiegand, MSR ABA Track2 or RS232
Read Range	➢ GP25: Up to 25 cm at 12.5V with ISO card; ➢ GP25A: Up to 25 cm at12. 5V with ISO card; ➢ LBR100 Up to 20 cm at 12.5V w/ISO card
Frequency	125KHz, ASK/ 13.56MHz Mifare UID
Transponder	Read only
Dimensions	GP25 – 120 x52 x22 mm GP25A –120x46x 21mm LBR100/LBR200 –105 x106 x18 mm
Temperature Range	Readers: -10 ~ 60°C Transponders: -55 ~ 80°C

Ordering information for Transponders:

- CFR01 – 86 x 55 x 0.8 mm ISO card
- CFR03 – 86 x 55 x 2 mm Clamshell card
- TAG50A – Disc with diameter 50 mm, 2 mm thickness **(Grey)**
- TAG25 – Disc with diameter 25 mm, 4 mm thickness
- TAG22 – Disc with diameter 22 mm, 4 mm thickness
- TAG25K – Key chain, W31 x H41 x D5 mm
- TAG20K – Tear drop key chain W30 x H45.2 x D5.1mm
- **New design tags also available details on web-site.**





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♦ **Custom device programming is available**

♦ **Call factory for other configuration**

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FAX: 886-2-26954213

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promag@gigatms.com.tw

http://www.gigatms.com.tw

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New Housing Design

RFID Readers and Tags

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



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- **Custom device programming is available**
- **Call factory for other configuration**

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About LOGISCENTER

Grupo Logiscenter is the leading provider in Europe of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

Reasons to work with us

Our customers come first. Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the befenits and advantages we create for you and your company.

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Expert technical support team. Our support staff are experts in the products we sell. But not just the products, they can tell you the best solution for your particular problem or need.

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Label printers



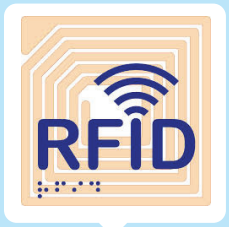
Barcode readers



Data terminals & PDA



PVC card printers



RFID



Consumables
(labels, ribbons, PVC cards)

All Brands Technical Service

GRUPO LOGISCENTER, S.L. - The Barcode Solutions Center
Av. Puente Cultural 10-A • 28702 San Sebastián de los Reyes - MADRID (Spain)
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