PROMAG™

Introduction:

GPW100 Proximity Tag Encoder interfaces to any PC with an RS-232 serial port, high performance and high reliability. The Encoder comes with an utility software that enables you to encode the ID code into the proximity tag easily at your side. Due to **GPW100**, it becomes possible for you to program the proximity tag with the ID code you want.
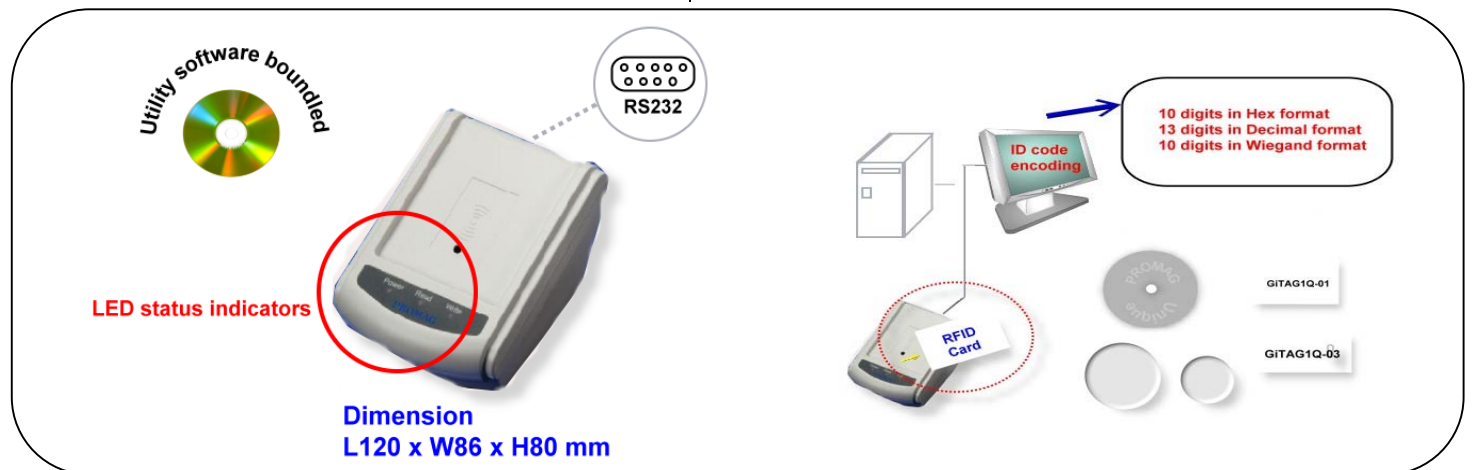
Features:

- Encoded tags by GPW100 can be read by all GP Series readers or any other GP compatible readers
- RS-232 interface, 9600, N, 8, 1
- Utility software features:
    - ➢ Read a Card
    - ➢ Write a Card
    - ➢ Write cards from a file
    - ➢ Edit / Write a Card
    - ➢ Write Cards with progressive numbers
    - ➢ Duplicate a Card

Specifications:

Frequency	125KHz, ASK
Format	64 bits, Manchester coding
Interface	RS-232 9600, no parity, 8 data bits, 1 stop bit
Tag	**GiTAG1** (the only suitable tag for GPW100) ➢ Chip type: GI 8693 Read/Write ➢ ID Code: 10 digits in Hex ➢ 125KHz, ASK, 64 bits, Manchester coding ➢ Rate timing: MOD 64 (64 clocks per bit) ➢ Compatibility: EM H4002 (after programmed) ➢ Passive, no battery required
ID number	10 digits in Hex or 13 digits in Decimal **Wiegand number format: option**
Operating temperature	0 ~ 50°C
Storage temperature	-10 ~ 55°C
Humidity	10 ~ 90% relative
Dimensions	86 (W) x 120 (L) x 80 (H) mm
Power requirement	DC 9V, 500mA

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

Utility software boundled

RS232

LED status indicators

**Dimension
L120 x W86 x H80 mm**

ID code encoding

10 digits in Hex format
13 digits in Decimal format
10 digits in Wiegand format

RFID Card

GiTAG1Q-01

GiTAG1Q-03