

# Thinkgo

Thinkgo series

## RFID Desktop Encoder

PG-RD-IM01

### Handy Encoding Device

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- Small size and high reading speed
- Easy to deploy and use



Website

PG IOT Smart Assets Management

✉ Sales@thinkgo.cc

🌐 <http://www.thinkgo.co>

📍 Beijing / Wuxi / Shanghai / Huizhou, China

# Description

## Application



Flexible encoding of RFID tag by users is required sometimes. RFID Desktop Encoder is developed by Pinguan to meet such need. Mainly used in tobacco logistics, access control management, production process control, anti-counterfeiting. It is a short to medium-range UHF encoding device using Impinj R500 chip and circular polarization antenna. Applicable for RFID tag encoding, checking, modification and performance test. Having the advantages of high receiving sensitivity and reading speed, multi protocol compatibility, low working current, USB power supply, etc.

## About Us

Professional RFID total solution provider

Haier's shareholding company

Drafter of standard GB/T37026-2018

Drafter of standard IEEE P2786

Impinj's gold value added partner



Able to read and write tag data of EPC and User zones



Support batch reading of tags



Reading range up to 10cm with adjustable power design



Realtime working status feedback



Multiple communication methods of RS485, RS232, USB with a single physical interface

## Parameter

**Name :** RFID Desktop Encoder

**Model :** PG-RD-IM01

**Dimensions :** 20×78×20 mm

**Cover :** ABS

**Waterproof :** IP53

**Color :**  

**Storage Temperature :** -20°C~65°C

**Working Temperature :** -10°C~55°C

**Frequency :** 840-960MHZ (customized)

**Protocol :** EPC C1G2/ISO18000-6C

**Antenna :** Right circular polarized antenna (3dBi)

**RF Power :** 5-23dBm Continuously adjustable

**Reading Range :** ≤150cm

**Working humidity :** 5%~95%, non-condensing

**Indication :** LED, Buzzer

**Interface :** RS485 / RS232 / USB

**Working Voltage :** 5V

