

Long Range Reader Support up to 6 meter

IDG-512G2

Features

- Adjustable long read range, up to 6 meters
- High read efficiency with stable recognition rate
- All-in-one structure for easy installation
- Suitable for using in tough industrial environment
- Quick start with friendly demo software
- Easy custom interfaces with well-document API
- Own the intellectual property rights for designing
- Supportable ISO 18000-6B/EPC C0 C1 GEN2(ISO 18000-6C)



Specifications

+ Read range:	0~6 m, Adjustable
+ Recognition Rate:	99.9999%
+ RF Power Output:	26~33 dBm (0.5~2 W)
+ Antenna Polarization:	Circulation polarization
+ Operation Voltage:	10~26 V DC
+ Frequency:	919~923 MHz(MY)
+ Operation Modes:	FHSS or fixed frequency, Configurable
+ Dimension:	207 x 177 x 75 mm
+ Net Weight:	1.9 Kg
+ Installation:	With accommodation install sets
+ Operation Humidity:	Less than 95%
+ Operation Temperature:	-20 to +80 degree C
+ Storage Temperature:	-40 to +125 degree C

Installation

1. The declared read/write range is the linear distance between the reader and tag tested in an opensquare (see Figure 1). The physical range will subject to the installing angle of the reader, the performance of the tags, and other physical effects.
2. Reader Installation IDG-512G2 provides flexible installation method by its small size. it can be easily installed outside by the fixed clamp sets or tube holder or be inserted to other device for convenient integration. Figure 2 shows the install method with fixed clamp sets
3. Trigger Working Mode: The reader will begin to work and scan the tag when the setting event is triggered

