GAO RFID Inc.
A Member of GAO Group

Celebrating Over 20 Years of Innovation

This integrated UHF RFID reader is ideal for mid- distance applications such as found in transportation management, logistics management and vehicle access control.

This integrated UHF RFID reader is an all-in-one reader package including antenna, radio frequency (RF) module, tag decoder, and power supply. It is ideal for mid- distance applications such as found in transportation management, logistics management and vehicle access control.

Key Features

- ✓ All-in-One reader package
- ✓ 900 MHz *note: all common world-wide frequencies are available
- ✓ Compatible with EPC Class 1 Gen 2 or ISO18000-6B standard
- ✓ Max read range 6 m, Max write range 3 m

- ✓ Water and dust proof
- ✓ Anti-interference circuitry
- ✓ Easy to install with adjustable bracket
- ✓ Durable and cost effective

Technical Specifications

Frequency Range	900 Mhz *note: all common world-wide frequencies are available
Operation Mode	Fixed Frequency or FHSS, Software Programmable
RF Power Output	+15 dBm to +30 dBm (Adjustable)
Antenna Ports	8 dBi Linear Polarization or 8 dBi Circular Polarization
Communication Ports	RS-232, RS-485 , Wiegand 26 bits\34 bits , RJ45 (optional)
Compatible Types of Tag	EPC C1 G2 (ISO18000-6C), or ISO18000-6B
Max. Read Range	>7 m (with 8 dBi Linear Antenna)
Max. Write Tag Range	>4 m (with 8 dBi Linear Antenna)
Communication Rate	Up to 57,600 bps
Digital I/O	2 ports (TTL)
LED lamp	3 LEDs Power/Reading/Communicating
Tilt/Latitude Mount Kit Tilt	+- 30° Latitude: 361°
Software Interface	API with host applications. VC or VB applications
Power	+9 to +18V DC, less than 3 Amps
Adapter	AC 110 to 220 V/DC +12V 4A
Dimensions	280 x 280 x 60 mm
Weight	2.0 kg
Working Temp	-20°C to 60°C
Storage Temp	-45°C to 85°C
Environmental Rating	IP64

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