



***This HF (High Frequency) reader module is designed to be a direct replacement for Magnetic Stripe Modules to convert the existing application and hardware to RFID technology.***

This 13.56MHz HF RFID reader module features high performance and security and is a power-efficient solution. It allows existing installations to retain most of its hardware infrastructure and cost effectively changes to a more secure RFID technology used solution. The RFID module provides selectable frequencies and RFID coding.

### **Key Features**

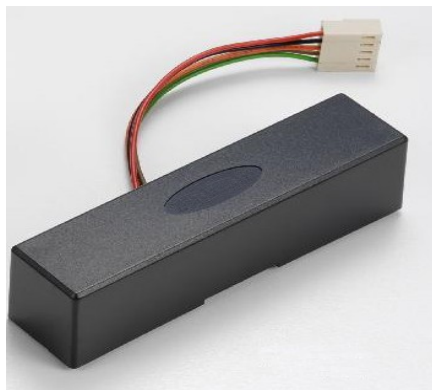
- ✓ Operating Temperature: -0°C to 60°C
- ✓ Storage Temperature: -20°C to 70°C
- ✓ Humidity: 10% to 90% relative





## Technical Specifications

|                           |                                                      |
|---------------------------|------------------------------------------------------|
| Display                   | None                                                 |
| Power requirements        | 5 VDC 55mA                                           |
| Communications interface  | MSR ABA Track 2                                      |
| Frequency                 | 13.56 MHz (HF-High Frequency).                       |
| Read write distance       | 20mm to 50 mm. with ISO cards under ideal conditions |
| Technical certificates    | CE, FCC, ISO 14443A Mifare MF1/Ultralight            |
| Dimensions                | (L)90mm x (W)22.5 mm x (H)24mm                       |
| Housing                   | ABS                                                  |
| Multi-detection           | No                                                   |
| Antenna compatibility     | No antenna required                                  |
| Antenna connection        | Built in                                             |
| Transponder compatibility | Read only for unique serial number and Identifier    |





**GAO RFID Inc.**

**A Member of GAO Group**

*Celebrating Over 15 Year of Innovation*

*Product Overview*

**High Frequency Reader Module (713003)**



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