

## High Frequency Multi Technology Reader

HF9 is a configurable reader designed to support various types of high frequency cards. It aims to offer a simple yet powerful solution for customers reducing inventory overheads and also ties clients from other device providers. With HF9's configuring software, the user may set up transferring baud rate and output interface; as well as set up the output data size, format, and type. In short, HF9 provides a wide range of compatibility and the ability for flexible modification, making it the top choice reader on the market.



**A " know-it-all " reader**



### Features:

- Supported card types: ISO 14443A/B, ISO 15693 and INSIDE PicoTag.
- Supported output interface: Wiegand, TK2 and RS232.
- Supported baudrate: 2400bps to 115200bps.
- Enable/Disable any types of card reading.
- Energy saving mode: LEDs off while standby.
- Selectable UID bits to output value

### Specifications:

Voltage	9V ~ 12V
Consumed Power	12V @ 130mA
Frequency	13.56MHz
Dimensions	L 105mm x W 105mm x H 20.74mm
Weight	320g
Operating Temperature	-10 to 60 Deg C
Operating Humidity	10~90% relative
Host Communication Interface	Wiegand RS232 ABA TK2
Card Type	ISO 14443A/B ISO 15693 INSIDE PicoTag

\*Specification is subject to change without notice.

### Applications:

- Access Control System.
- Data Collection System.
- Time Attendance System.
- Registration System.

### Pin assignment:

Red	Power 9-12Volt
Yellow	RS232 Tx
Blue	RS232 Rx
Green	Data(Magstripe) ; Data0(Wiegand)
White	Clock(Magstripe) ; Data1(Wiegand)
Orange	Card Present(Magstripe) ; Floating(Wiegand)
Brown	Reboot or I/O
Black	Ground 0Volt

Established in 1987, Giga-TMS has established in Taiwan as a specialized manufacturer in magnetic technique. Ten years later, as soon as the company's CEO noticed the new RFID technique, he immediately foresaw its potential and engaged the R&D group in RFID. Now with its 21 years experience, Giga-Tms owns not only matured high-standard RFID technique, but also guaranteed long-life and reliable products. Providing Flexible and Customized Services is always that Giga-Tms has taken into account for every customer. Although based in Taiwan, Giga-Tms exports 90 percent of the annual production mostly to worldwide market. Now in its 21st year, Giga-Tms is looking to strengthen its image through increased advertising, while remaining faithful to its principles: prioritize the customer.

**IVAR a.s.**  
 Bílkova 127, 290 01 Poděbrady  
 Tel: 325 610 181, 325 611 018  
 GSM: 603 599 920  
 Email: [ivar@ivar.cz](mailto:ivar@ivar.cz)  
[www.ivar.cz](http://www.ivar.cz)