

R2-H&EM is a card-reader made by two readable cards, HID & EM.

After generating sine wave by 125 KHz square-wave throughout the drive circuit & oscillation of antenna, the product will provide EM card-reader circuit and HID card-reader circuit. The clock signal of the 20MHz is base clock frequency. HID card-reader circuit will send signals to HID drive circuit & HID comparison circuit, and then to HID micro controller for decoding. HID micro controller will send out Wiegand 26 signals, EM card-reader circuit will send the received signals to micro controller MCU for comparison & decoding, meanwhile, it will also send out signals by Wiegand 26.

The Wiegand 26 signals from HID and EM will be sent to Wiegand driving circuit, and after being enlarged, it will output Wiegand 26 signals, and the signals can be connected with any controllers with the function of Wiegand 26 input.

The product can be outputted by Wiegand 26 with buzzer alarm and LED light controlling line, and it is also available when connecting with low input.