

## OEM Reader

# HR310



HR310 I



HR310 B



HR310 G

HR310 is a proximity sub-reader complying the 26 bits Wiegand format of the international standards. A bicolor (green/red) LED and a beeper offer feedback to users.

# Smart Proximity

## OEM Reader

### The specification of HR310 proximity access reader

Model Number	HR310 / HR310K
Card Type	EM, Casi Rusco 64 bit standard R/O or compatible, HID, MIFARE 14443A, T115693 (optional)
Transmitting Frequency	125KHz / 13.56MHz
Reader Range	Up to 7 cm (In noise-free environment)
Keypad (HR310K)	12 keys (0-9, *, #)
Keypad Output Protocol	Rosslare Wiegand 6 bits or Burst Wiegand 8 bits
Output Protocol	EM Wiegand 26/44 bits / Casi Rusco Wiegand 21/41 bits / Serial Output 125K
Indicator	Bicolor LED (green/red)
Case Material	ABS (UL94V-0) fully waterproof
Working Voltage	DC +8.5V to 16V
Power Consumption	Average 50mA; Peak 120mA @12VDC
Dimension (H x W x D)mm	112 x 75 x 23
Dimension (H x W x D) in	4.4 x 2.9 x 0.9
Weight	250g MAX (8.8 oz. MAX)
Operating Temperature	0°C~70°C (32°F~158°F)
Operating Humidity	5% ~ 95% (relative humidity non-condensing)



HR310 IK



HR310 BK

### WIRE ASSIGNMENTS

Color	Name	Description
Red	V+	+8.5V to 16V DC
Black	GND	Ground
Green	DATA 0	Wiegand Data output 0
White	DATA 1	Wiegand Data output 1
Brown	LED	Pull low to change LED color to green
Blue	BEERPER	Pull low to turn on beeper