



Lumiring inc.

# Specifications

- LRM-2CRS
- LR-2CBS
- LRM-2RS

# LRM-2CRS

- Wi-Fi Network Controller
- RFID Reader 13.56Mhz

## Specification

Description:	Wi-Fi Network Controller + RFID Reader 13,56Mhz
CPU:	32-bit, 80 Mhz
WiFi Protocols:	802.11 b/g/n
Frequency Range:	2.4GHz-2.5GHz (2400M-2483.5M)
Security:	WPA/WPA2
Encryption:	WEP/TKIP/AES
Memory:	4 Mb
Reader frequency:	13,56 Mhz
Reading range:	Up to 5 cm.
Supported tags:	MIFARE Classic 1K, 4K; MIFARE Classic EV1 1K, 4K; NFC
Cardholders:	500* (Software extendable limit) / 5000 (Hardware limit)
Credentials/Virtual Keys:	8* (Software extendable limit) / 5000 (Hardware limit)
Credentials/Physical Keys:	5000 (Hardware limit)
Events:	4000* (Software extendable limit) / 8000 (Hardware limit)
Protocol protection:	Symmetrical Encryption 256 bit
Lock:	1 (open collector)
Lock power:	9-24VDC; 2A (5A impulse mode)
Lock modes:	Monostable, Impulse
Lock type:	NO, NC
RFID copy protection:	YES, Encryption
External reader support:	485P, Wiegand26, Wiegand34
Door sensor control:	YES
Anti pass-back:	YES
External Exit button:	YES
Buzzer control:	YES
Communication:	Wi-Fi, 485P, Wiegand26, Wiegand34
Wiegand distance:	100 m.
485 distance:	1000 m.
OTA updates:	YES
NTP servers:	Support
Indicator:	Full custom color RGB light
Power supply:	9-24VDC
Operating temperature:	-30°C to 70°C
Protection:	IP65
Housing:	ABS+UV protect
Color:	White, Black
Weight(g):	50
Dimensions(mm):	(D)55x(H)13

\*Software limitation. Extended items can be ordered

# LRM-2CBS

- Wi-Fi Network Controller
- Sensor Exit Button

## Specification

Description:	Wi-Fi Network Controller embed in EXIT Button
CPU:	32-bit, 80 Mhz
WiFi Protocols:	802.11 b/g/n
Frequency Range:	2.4GHz-2.5GHz (2400M-2483.5M)
Security:	WPA/WPA2
Encryption:	WEP/TKIP/AES
Memmory:	4 Mb
Internal button type:	Capasitance sensor
Cardholders:	500* (Software extendable limit) / 5000 (Hardware litim)
Credentials/Virtual Keys:	8* (Software extendable limit) / 5000 (Hardware litim)
Credentials/Physical Keys:	5000 (Hardware litim)
Events:	4000* (Software extendable limit) / 8000 (Hardware litim)
Protocol protection:	Symmetrical Encryption 256 bit
Lock:	1 (open collector)
Lock power:	9-24VDC; 2A (5A impulse mode)
Lock modes:	Monostable, Impulse
Lock type:	NO, NC
RFID copy protection:	YES, Encryption
External reader support:	485P, Wiegand26, Wiegand34
Door sensor control:	YES
External Exit button:	YES (Used for Emergency unlock)
Buzzer control:	YES
Communication:	Wi-Fi, 485P, Wiegand26, Wiegand34
Wiegand distance:	100 m.
485 distance:	1000 m.
OTA updates:	YES
NTP servers:	Support
Indicator:	Full custom color RGB light
Power supply:	9-24VDC
Operating temperature:	-30°C to 70°C
Protection:	IP65
Housing:	ABS+UV protect
Color:	White, Black
Weight(g):	50
Dimensions(mm):	(D)55x(H)13

\*Software limitation. Extended items can be ordered

# LRM-2RS

- RFID Reader 13.56Mhz
- RFID Copy Protection

## Specification

<b>Description:</b>	<b>Miniature RFID Reader 13.56 Mhz</b>
CPU:	32-bit, 80 Mhz
Certificates:	FCC/CE/ROSH
Reader frequency:	13,56 Mhz
Reading range:	Up to 5 cm.
Supported tags:	MIFARE Classic 1K, 4K; MIFARE Classic EV1 1K, 4K; NFC
Protocol protection:	Symmetrical Encryption 256 bit
RFID copy protection:	YES, Encryption
External reader support:	485P, Wiegand26, Wiegand34
Tamper protection:	YES, accelerometer system
Buzzer control:	YES
Communication:	485P, Wiegand26, Wiegand34
Wiegand distance:	100 m.
485 distance:	1000 m.
OTA updates:	YES
Indicator:	Full custom color RGB light
Power supply:	9-24VDC
Operating temperature:	-30°C to 70°C
Protection:	IP65
Housing:	ABS+UV protect
Color:	White, Black
Weight(g):	50
Dimensions(mm):	(D)55x(H)13