

FALCO UHF Reader

SIRIM Certified Approval

Green Power Technology

- ✓ SIRIM Certified approval with 919 MHz to 923 MHz frequency range required by MCMC.
- ✓ XD (Non duplicate) is unique encryption to avoid duplication of unauthorized card.
- ✓ Advance anti-interference technology.
- ✓ Buzzer sound when reader detecting Falco UHF (XD) Card.



AY-MR6111E Series

The FALCO AY-MR6111E Series reader is an Ultra-High Frequency (UHF) long range reader that able to read up to 6 meter off air. Since the reader only requires UHF passive card without battery, this can help to save our environment by using the green power technology.

The FALCO AY-MR6111E Series reader is SIRIM Certified approval with 919 MHz to 923 MHz frequency range required by MCMC. This reader delivers reliable and secure access control that is easy to manage and maintain.

NOTE:

UHF CANNOT pass through solar film with heavy metal oxide such as VKOOL and 3M. If heavy metal element total block UHF signal, might require user to wind down windows for about 20cm to allow UHF signal penetration into car and read card. For best reading result, recommended to cut a rectangular slot on the film to allow UHF signal to pass through.

More intuitive to hold the card:



Specifications

Model

AY-MR6111E
AY-MR6111E XD

Output Port

Wiegand-26,34
Wiegand-34

Card Type

TA88 + EM/M1
TA88 + EV1/EV2

Protocol

ISO18000-6B / 6c, EPC G2

RF Power

0~31dBm adjustable

Processor

ARM CORTEX M3 100M CPU

Sensitivity

80dBm(12dBi antenna
more than 12m)

Reading Speed

Multi tag-200 pcs/sec,
single tag 2000 times/min

Frequency Range

919 ~923 MHz (SIRIM for
MCMC Compliance)

Working Temperature

20 ~ 60 °C

Reading Range

Max 6m

Memory

16KB tag data memory and
32KB Ferroelectric memory

Power Supply

DC 9 ~ 15v

Weight

2 kg

Data Interface

100M Ethernet Interface
RS232/RS485 interface
wiegand 26/34, Relay
Input/Output(TTL)

Beeper

Yes

Dimension

440 x 440 x 50 mm

Dimensions (mm)

