Scan here

Enjoy more convenience while staying extra secure.

Anti-clone UHF long range reader

Xclone DUAL encryption anti duplicate card technology, CCTV picture capture and anti-pass back security make your guardhouse 4 times safer while enjoying the convenience of 10m long-range reading.

AR300U
XCLONE

MCMC HIDF17000033

SIRIM QAS INTERNATIONAL

1 You are in control
All users must get their long-range card from you.

2 One card everywhere in any weather
Use the same card for both guardhouse barrier gate and building door access. Enjoy the consistent long-range reading comfortably inside your car despite heavy rain or bright sun.

3 Smaller is nicer
A typical huge bulky UHF reader might degrade your guardhouse's modern contemporary design. Xclone can achieve the same long-range with 4 times smaller size and still built-in a LED to display reading status.
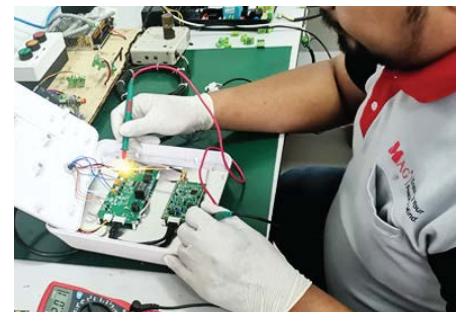
4 Fast spare part
No more waiting 1 to 2 months to import parts from overseas. We offer original spare parts and repairing services to fix your reader in the shortest time possible.

Blue
Successful read card

Red
Power on

Feature

Double encryption, double safety
Dual Security Protection (DSP) technology makes it hard to duplicate the card, achieve the same long-range reading at the same affordable price.

Approved by government
MAG Xclone is approved by Malaysia MCMC to avoid you being fined due to frequency violations. Xclone works fine and is not affected by other UHF stickers such as Touch 'N Go RFID.

Wider reading range
Enhanced antenna angle so that your car can turn in from any angle. The software can adjust the accurate desired reading area at the site eliminating the need for a loop detector.

Ensure smoother traffic
The reader waits 2-sec allowing the first car to pass through before reading the next car to avoid false anti-passback errors that will cause long queues during peak hours.

More intuitive to hold the card

Most other UHF card does not allow your finger to be at the card surface to avoid reading range drop.

CDUS133L UHF card will auto compensate the extra inductance of your finger holding at the card edge to maintain the same long reading range.
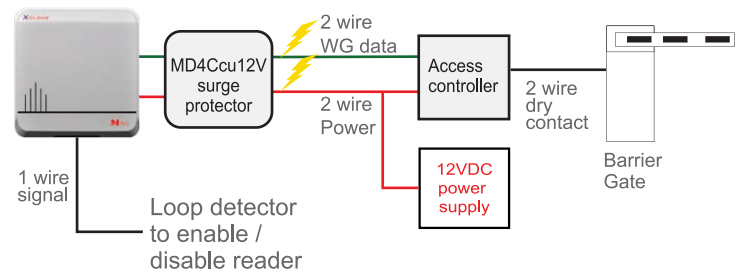
Compatible with any brand controller
Xclone's standard Wiegand (WG26 or WG34) output is supported by most access controllers in the world. CDUS133L, CDUM133L and CDUE133L are printed with the card number (common WG34 and Entrypass WG26 format) to allow convenient enrolment into any software without an additional desktop UHF reader.
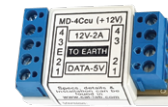
Technical Specification

Dimension	215 x 225 x 52mm
Frequency	919 - 923 Mhz to comply Malaysia SIRIM MCMC regulation
Data output	Wiegand 26 / 34
Reading range	Up to 10 meters off air. 2 to 6 meter depending on type of solar film.
Input	DC12V, max 1.5A
Power consumption	2W
Output power	30dbi
Protection	IP66, waterproof and weather proof for outdoor installation
Working temperature	- 20~+ 70°C
Net Weight	0.8kg

Wiring diagram

MD4Ccu12V surge protector
2 wire WG data
Access controller
2 wire dry contact
Barrier Gate
2 wire Power
1 wire signal
Loop detector to enable / disable reader
12VDC power supply

Metal Pole

MD4Ccu12V Surge Protection Data and 12V

NVS1230P Power Supply

Ordering info

AR300U XCLONE - Reader complete with mounting bracket

Xclone card :

CDUS133L - UHF (Anti-Clone) card
CDUE133L - UHF (Anti-Clone) and standard EM 125Khz card
CDUM133L - UHF (Anti-Clone) and standard Mifare 13.56Mhz card
CDUT133L - UHF (Anti-Clone) sticker

Special note :

UHF reader unable to penetrate VKOOL, 3M or other premium solar film that contain heavy metal element to read card from inside of the car.