

SPECIFICATION



CP3 2 Lanes Parking Access



General Description

Management can define access permission who is allowed to come in at which barrier lane and at what time. Support **local anti-pass back** between two readers. Support up to **3000 cards** and **11 time zones**. All user profile is kept in the PC software for ease of maintenance. Each user can be assigned an expiry date (for paid season parking or easy for condominium management team to collect monthly maintenance fee). Once initial setting is completed, CP3 system is fully operational without PC. PC can be turn on only when operator want to add/edit/delete user profile or view event log.

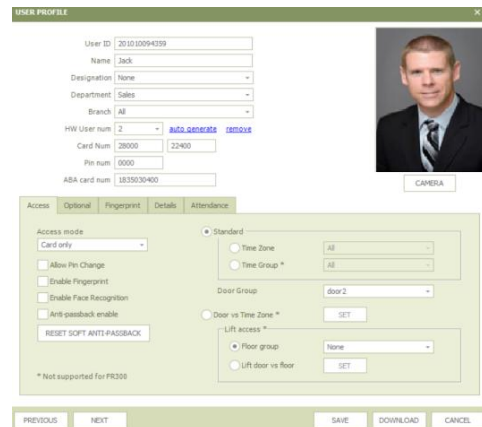
During entry or exit, flash the access card in front of reader. Upon identity verification, the controller will trigger the barrier gate to open. Reader will reject expired and invalid card number.

ME-ACS software is user friendly and offer clean GUI instead of crowded the screen with unnecessary functions. Operator or security guard with minimum IT knowledge able to operate the software easily.



Date	Time	User ID	Name	Department	Designation	Mobile	Site Code	Card Code	Car ID	Door	Event
10/10/2020	10:21	201010094339	2	None	None	None	00028	22400		2.120.2E - door1	Normal access by card only
10/10/2020	10:21	201010094339	2	None	None	None	00028	22400		2.120.1 - door1	Normal access by card only
10/10/2020	10:22	201010094402	2	None	None	None	00028	22400		2.120.1 - door1	Normal access by card only
10/10/2020	10:22	201010094402	2	None	None	None	00028	22400		2.120.2 - door2	Normal access by card only
10/10/2020	10:22	201010094339	2	None	None	None	00028	22400		2.120.1 - door1	Normal access by card only
10/10/2020	10:22	201010094339	2	None	None	None	00028	22400		2.120.2 - door2	Normal access by card only
10/10/2020	10:24	201010094339	2	None	None	None	00028	22400		2.120.2 - door2	Controller armed
10/10/2020	10:35	201010094339	2	None	None	None	00028	22400		2.120.1 - door1	Normal access by card only
10/10/2020	10:35	201010094339	2	None	None	None	00028	22400		2.120.2 - door2	Normal access by card only
10/10/2020	10:45	201010094339	2	None	None	None	00028	22400		2.120.1 - door1	Normal access by card only
10/10/2020	10:45	201010094339	2	None	None	None	00028	22400		2.120.2 - door2	Normal access by card only
10/10/2020	10:45	201010094339	2	None	None	None	00028	22400		2.120.1 - door1	Normal access by card only
10/10/2020	10:45	201010094339	2	None	None	None	00028	22400		2.120.2 - door2	Normal access by card only
10/10/2020	10:46	201010094339	2	None	None	None	00028	22400		2.120.1 - door1	Controller disarmed
10/10/2020	10:46	201010094339	2	None	None	None	00028	22400		2.120.2 - door2	Normal access by card only
10/10/2020	10:47	201010094339	2	None	None	None	00028	22400		2.120.1 - door1	Anti-passback error


Clean interface and easier to review event log



USER PROFILE

User ID: 201010094339
 Name: Jack
 Designation: None
 Department: Sales
 Branch: All

HW User num: 2 [auto generate](#) [remove](#)
 Card Num: 28000 22400
 Pin num: 0000
 ABA card num: 1830030400



[CAMERA](#)

Access mode: Standard
 Time Zone: All
 Time Group: All

Allow Pin Change
 Enable Fingerprint
 Enable Face Recognition
 Anti-passback enable

RESET SOFT ANTI-PASSBACK

Door Group: door2

Door vs Time Zone: SET

Lift access: Floor group: None
 Lift door vs floor: SET

* Not supported for FR300

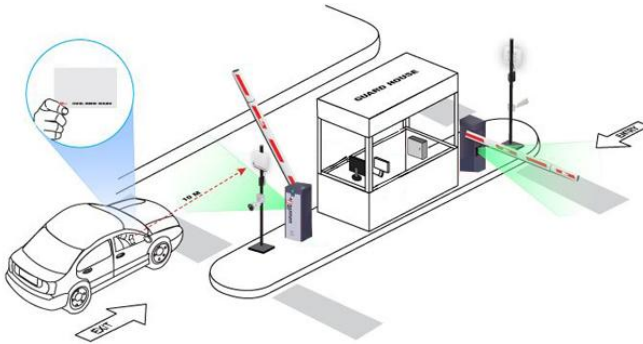
[PREVIOUS](#) [NEXT](#) [SAVE](#) [DOWNLOAD](#) [CANCEL](#)

User profile

Ideal parking access solution for small to medium size condominium, residential gated community building and factory.

Ordering Information

Each CP3 system consists of 1 x Main system (CP3M) and 2 x Xclone long range reader unit (CP3R4). Controller of CP3M that installed inside guard house is connected to PC for user profile and access control management via MagEtegra ME-ACS software.



Main System Unit

Model: CP3M

Qty	Equipment
1 pcs	MAC302 dual-door controller
1 pcs	MAG Metal box (build-in power supply) with cam-lock
2 set	MAG barrier gate with loop detector
1 pcs	AR321CM RS485 to USB converter (Upgrade to AR727CM for direct TCPIP network)
2 pcs	12V DC Relay with base

Recommended Surge Protector:

Qty	Equipment
3 pcs	C-240AC to protect AC230 power at main MCB and 2 barrier gate
1 pcs	TP 4/12 to protect WG1 and WG2 at controller
2 pcs	SPE-D12V for UP, COM, DOWN and STOP input signal at both barrier gate board
2 pcs (optional)	TP4/12 to protect long distance wiring from controller to PC.

Long Range Reader Unit (CP3R4)

AR300U Xclone is an ultra-high frequency (UHF) long-range reader that reads up to 10 meters (free air reading) to open the barrier gate ahead of time for smoother traffic. Final reading range depending on the type of solar film installed on the car, interference at the site and proper card reading angle.

AR300U Xclone has been approved by SIRIM to comply 919 Mhz to 923 Mhz frequency as required by Malaysia regulation. It is not affected by Malaysia's TnG RFID sticker.



Qty	Equipment
2 pcs	AR300U Xclone reader
2 pcs	Metal pole
2 pcs	Small PVC box for surge protector and wiring termination (not included and to be purchased separately)
1 set	1 x PSU1250 power supply for every 2 x long range reader unit
Any	Support following cards: CDUS133L - UHF card CDUE133L - Hybrid UHF and EM CDUM133L - Hybrid UHF and Mifare CDUT133L - UHF sticker

Recommended Surge Protector:

Qty	Equipment
1 pcs	PD-12FG to protect RS485 data and 12V at AR300U Xclone reader
1 pcs	PSP12 to protect PSU1250 power supply at guard house

Medium Range Reader Unit (CP3R2)

Best value mid-range reader (70 cm-120cm). Reading range depends on the solar film used. User no needs wind down the window; just flash the card from the comfort inside the car. It is more convenient and eliminates the problem of the hand getting wet during rain.



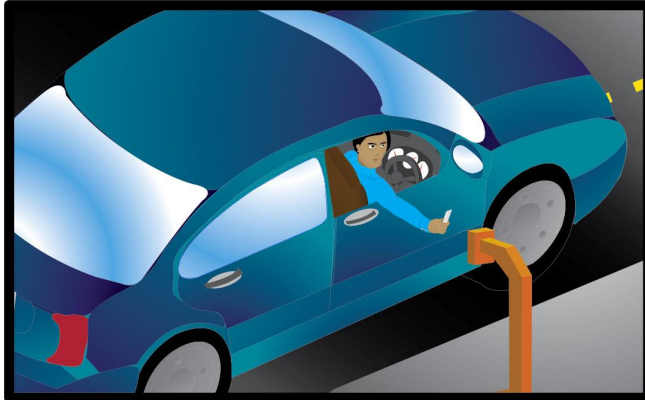
Qty	Equipment
2 pcs	AR200U reader with 19.2V DC power adapter
2 pcs	Gooseneck
2 pcs	Weatherproof acrylic housing and bracket
Any	Supports CDS18L long-range card

Recommended Surge Protector:

Qty	Equipment
4 pcs	PSP24 to protect 19.2V DC power input at AR200U and power adapter in guardhouse

Standard Range Reader Unit (CP3R1)

Affordable short-range reader (8 cm). The user winds down the car window to flash the card. This allows the guard to verify the person inside the car for any suspicious intention.



Qty	Equipment
2 pcs	AR721K reader
2 pcs	Gooseneck
Any	Support CDS18 proximity cards

Recommended Surge Protector:

Qty	Equipment
2 pcs	PD-12FG to protect RS485 data and 12V at the reader

Surge Protection



[C-240AC](#) protect AC power in barrier gate.



[PD12FG](#) protect data and 12V for long range reader.



[TP4/12](#) to protect 2 x data port.



[PSP12](#) protect 12V DC.



[PSP24](#) protect 24V



[SPE-D12V](#) protect for data and 12V DC.



[SPE-D24V](#) protect for data and 24V DC.

Disclaimer:

- 1) It is very **IMPORTANT** to ensure proper installation of surge protectors.
- 2) Warranty does not cover damages due to lightning surge.

***Product performances is based on testing in a controlled environment. Your result may vary due to several external and environment factors.**

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