



SPECIFICATION

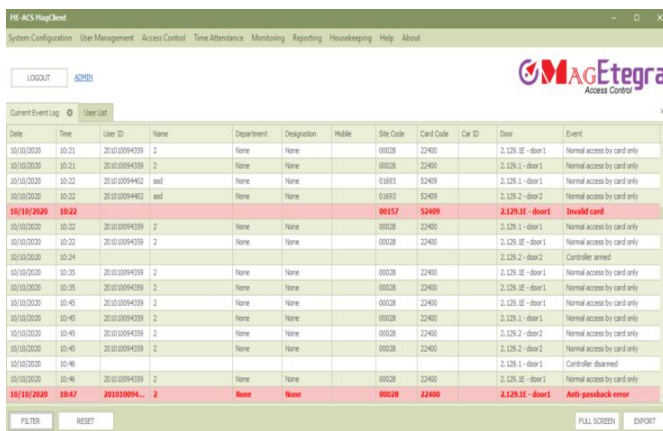
CP4 16 Lanes Performance Parking Card Access



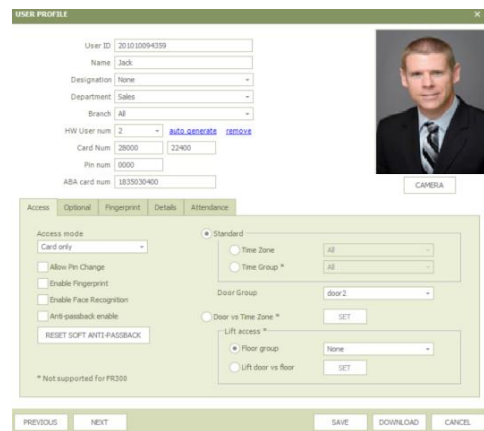
General Description

Management can define more extensive access permission who is allowed to come in at which barrier lane and at what time. Support **global anti pass back** function across all reader units. Support scheduled auto reset of **anti-pass back**. Support up to **16,000 cards**, **120 holidays** and **63 time zones**. Each user can be assigned an **expiry date (for paid season parking or easy for condominium management team collect monthly maintenance fee)**. All user profile is kept in the PC software for ease of maintenance. During entry or exit, flash the access card in front of the reader. Upon identity verification, the controller will trigger the barrier gate to open. Reader rejects **expired or invalid user**.

MagEtegra ME-ACS software offer clean GUI instead of crowded the screen with unnecessary functions. Security guard or operator with minimum IT knowledge will be able to operate the software easily. ME-ACS allow user friendly interface to add/ edit/ delete users. ME-ACS offer extensive reporting to help tracks for evidence in the event of crime. ME-ACS also offer CCTV picture capture function that takes a snapshot for every valid read as visual evidence for future audit.



Clean interface and easier to review event log

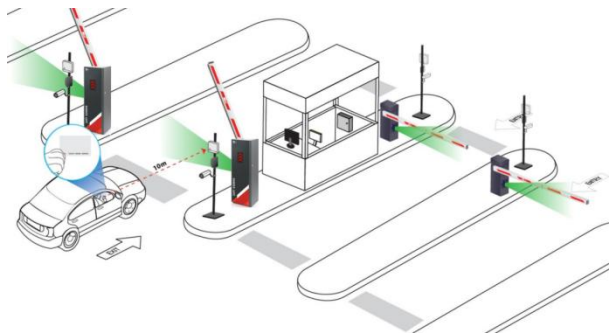


User profile

Ideal parking access solution for big commercial building, high-end condominium, enterprise factory where it requires total integration with complete door access and total building security system.

Ordering Information

Each CP4 system consists of 1 x Main system (CP4M) and multiple Reader units (CP4R1/R2/R4). Controller of CP4M is installed inside guardhouse and is connected to PC for user profile and access control management via software. Optional upgrade for CCTV integration function is available. CP4 system support up to 16 x lanes.



Main System Unit

Model: CP4M

Qty	Equipment
1 pcs	MAC316 multi-door controller
1 pcs	MAG Metal box (build-in power supply) with cam-lock

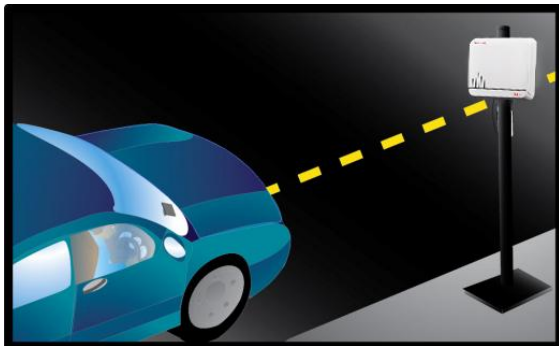
Recommended Surge Protector:

Qty	Equipment
1 pcs	C-240AC to protect AC230 power at main MCB
1 pcs	TP 4/12 to protect RS485 ch1 and ch2 at controller
1 pcs	PSP12 to protect 12V output at power supply

Long Range Reader Unit (CP4R4)

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 919Mhz to 923Mhz frequency as required by Malaysia regulation. It is not affected by Malaysia's TnG RFID sticker.



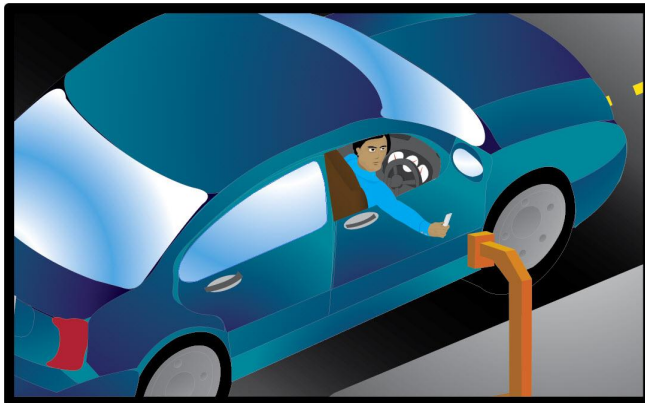
Qty	Equipment
1 pcs	AR300U Xclone reader
1 pcs	AR721H reader
1 pcs	Metal pole
1 pcs	Small PVC box for surge protector and wiring termination (not included and to be purchased separately).
1 set	1 x PSU1250 for every 2 x long range reader unit
1 set	MAG barrier gate with loop detector
Any	Support following cards: CDUS133L - UHF card CDUE133L - Hybrid UHF and EM CDUM133L - Hybrid UHF and Mifare CDUT133L - UHF sticker

Recommended Surge Protector

Qty	Equipment
1 pcs	C-240AC to protect AC230 power input in barrier gate
1 pcs	PD-12FG to protect RS485 data and 12V power supply
1 pcs	SPE-D12V for UP, COM, DOWN and STOP input signal at each barrier gate board

Medium Range Reader Unit (CP4R2)

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.



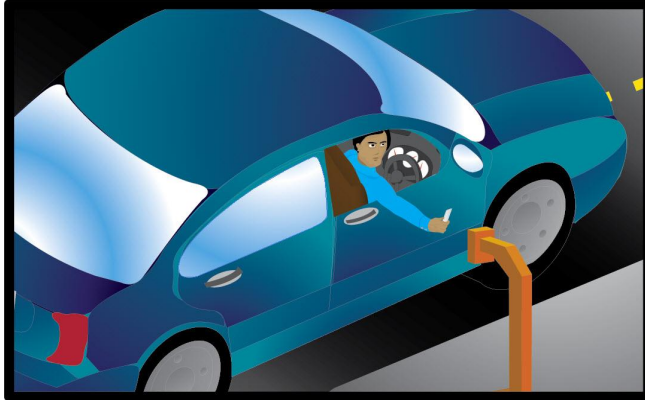
Qty	Equipment
1 pcs	AR200U reader with 19.2V DC power adapter.
1 pcs	AR721H reader
1 pcs	Gooseneck
1 pcs	Weatherproof acrylic housing and bracket.
1 set	MAG barrier gate with loop detector
Any	Supports CDS18L long-range card

Recommended Surge Protector

Qty	Equipment
1 pcs	C-240AC to protect AC230 power input in barrier gate
1 pcs	PSP24 to protect 19.2V DC power input at AR200U
1 pcs	PD-12FG to protect RS485 data and 12V of AR721H reader
1 pcs	SPE-D12V for UP, COM, DOWN and STOP input signal at each barrier gate board

Standard Range Reader Unit (CP4R1)

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
1 pcs	AR721H reader
1 pcs	Gooseneck
1 set	MAG barrier gate with loop detector
Any	Support CDS18 proximity cards

Recommended Surge Protector

Qty	Equipment
1 pcs	C-240AC to protect AC230 power input in barrier gate
1 pcs	PD-12FG to protect RS485 data and 12V at the reader
1 pcs	SPE-D12V for UP, COM, DOWN and STOP input signal at each barrier gate board

CCTV Integration (Optional)



Qty	Equipment
1 nos	MagEtegra ME-ACS Pro Basic software to support up to 8 cameras.
1 nos	MAG 16 ch video server with alarm input

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.**

© COPYRIGHT 2026. This documentation served as a reference only. It is subject to change without further notice. All the diagrams and information in this documentation may not be duplicated or modified in any form without the written approval from the management.