

Product Description of **Door Access Controllers**
Parameter list

Parameter	Single Door Access Control	Double Door Access Control	Four Door Access Control
Model No.	ADCT3000-01	ADCT3000-02	ADCT3000-04
Picture			
Communication	TCP/IP		
Function Description	Control 1 Door and 2 card readers: One reader for enter, the other for exit, One button for exit	Control 2 doors and four card readers :Two readers for enter, the other two for exit; Two Exit button	Control 4 doors and 4 card readers ,four readers for enter ,four exit button
Size	28 * 9.5 * 3.5 cm		
Weight	593 g		
Case Size	37 * 29 * 9 cm		
Power	12VDC 4-7A		
Circuit board power dissipation	> 500mA		
Input for Card Reader	Wiegand 26-40 bit(Compatible with all card reader under this protocol, such as Motorola , HID , EM, Mifare etc.		
Qty of Reader	1 Pair	2 Pairs	4 Pcs
Door Controlled	1 Pair	2 Pairs	4 Pcs
Door opening time extending setting	1-600 Seconds (Adjustable)		
MAX Qty of Controller	No Limit		
Operation Temperature	-40-70, advise -35-65		
Operation Humidity	10-90%RH,Non-condensation		
Qty of User	200,000 Users		
Events Buffers	200,000 Events buffers record		
Power Protection	High speed flash memory ,Never lose		
Max distance from reader to controller	100M , suggest within 80M		
MAX distance between controllers	Depend on the network parameter of LAN or WAN		
Package	Access Controller ,Power Supply ,Case ,Cable ,Software CD ,User Manual ,Key		

Function table sheet

Basic function:	
200,000 users	Each access controller can hold 200,000 users, for example, four door controller can manage 200,000 users; each user have the privilege to pass four doors or some of them.
200,000 offline event buffers storage	200,000 event buffers can be stored offline. Every event buffer includes information such as card #, time, address, getting across or not etc. If the storage space overloaded, old information will be deleted automatically so to save space for new records. Your option to activate whether to record button unlocking and alarm information, if inactivated, button unlocking and alarm information will not be recorded.
Flexible popedom management	You can setup that some specified person can unlock some specified doors, or someone can unlock all doors. Setting result can be arranged according to door or person. User can see clearly which person can unlock which door. Also you can export the report to excel file and print out.
Off line operation	Setup through the software and upload the setting, access controller will save all uploaded popedom and records no matter the software, computer and power supply are on or off.
Real-time monitoring, photo display, door status display	Real-time monitor each card swiping. Can display the card holder's photo which was pre-stored in the software, so the security guard can check if the card holder is the one intended to unlock the door. If magnet lines are connected, you can check which door is open or close. Valid cards swiping records will be marked in green; invalid card swiping records will be in orange and alarm records will be in red so to call the security guard 's attention.
Individual popedom revision and upload	If some new popedom added or some popedom revised, you can just revise or add and upload these new popedoms, no need to re-upload all popedoms, so does the loss register. This can save your time.
Emergency double shutoff , emergency manual door close	No need software setting, just connect the emergency switch to the controller specific connecting port, press the switch if emergency situation, then all doors controlled by the controller will close. It can't open the door by pressing button or swiping card. This function is used in "close thief" and other condition. Pull up the emergency switch, the system returns to normal operation.
Software auto. login	Some company without high safe requirement of operation can set auto. Login for operator to enter into software operation quickly to increase the convenience.
Expansion functions	
255 time profiles management	Set somebody can pass some door during active date and deactivate date by week type or month type. It can set three different time profiles each day.
Compel to lock and unlock	If some doors need to be normal open or normal closing, user can set via the software.
Remote unlocking	Administrator can open a specified door in remote distance through software interface and can be recorded.

Time link	If the time period you need exceeds 3 period (i.e. 8:30-12:00, 1:30-3:30, 4:30-6:30, 7:30-9:30), you can realize this through the time link to get 6 or 9 period or even more. If you need different time period in Sat, for example, Mon to Friday the time period is 8:30-17:30 but for Sat you need the time period 8:30-12:00, then you can set two different time period, one is Mon to Fri, 8:30-17:30, another one is Sat 8:30-12:00 and then link this two periods.
card+password	If keyboard reader used, user can use card+ number to unlock the door, namely, you can set that to open the door the card holder need to swipe the card and then input the correct password, only when both are right the door can be unlocked. Every card can have its unique password. In this case, others can't use your card to unlock the door if they don't know your password. And you also can set that someone need use card+password to unlock a door, but some others only need a card to unlock the door. Password can be 1-6 numbers.
Unlock by manually input card number+password	If you activate this function, then you don't need to swipe the card, only input the card number and password, you can open the door and unlocking records will be stored.
Super password	You can at most 4 super passwords for each door. People only need to input any one of these 4 passwords to unlock the door. System doesn't record this unlocking information. Password can be 1-6 numbers.
Interlocking	In some occasions, it is requested that if a certain door is open then the other door can't be unlocked. Two-door controller can realize two doors interlock; four-door controller can realize two doors interlock, three doors interlock and four doors interlock. This function is gear to places where strict access control required such as bank, cash housing etc.
Anti-pass back and anti-tail	The purpose of anti-pass back is to prevent a card holder from passing back his or her card to another person to gain entry into an access-controlled area.
Unlock the door by multi-card	In some occasions, it is required that to open the door there must several specified card to swipe in sequence. Only one of these certain cards can't open the door. You also can set that to enter the room there must multi card and to exit the room only need a single card. This function is gear to bank cash housing, antique collection sites and museums etc. You can set to unlock a door there need a group of people swipe their cards in sequence or some of people in a group together with some people in another group to swipe their cards in sequence. Example: in the bank cash house, you can set that to unlock the door there must be 1 of 3 bank governor, 2 of 8 security guard and 3 of 5 money carriers to swipe their cards in sequence.
Normal open and normal closing at certain time	Also called timing mission. Places such as embassy require normal open at day time, everyone can enter freely, but off-work time, only embassy staff can use their card to exit, others are not allowed to enter. At night, doors need to keep closing, even embassy staffs are not allowed to exit. Each controller can set at most 64 timing missions. This function can operate offline.
Record unlocking by button	Time of unlocking by button will be recorded, but can't know who unlocked the door.
Sub-sector administration	Some companies request different department control their own access and time attendance. And advanced administer can control all access and time attendance.
First card unlocking	Example: you can set some cards have the first card unlocking popedom, so in the morning only people who have first card unlocking popedom can open the door.

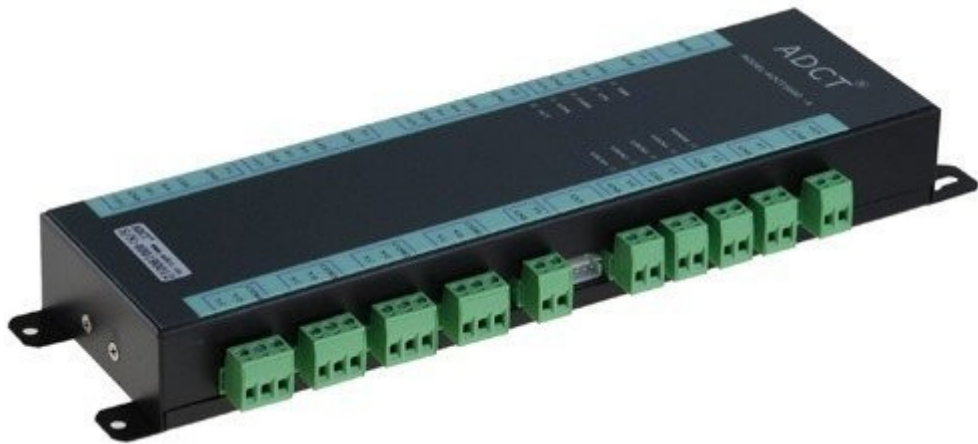
Operator report	Any operator's operation can be recorded as report for future query and analysis
Functions with connecting ADCT3000 expansion panel	
fire alarm and emergency unlocking	If control panel connected with I/O expansion board, then if fire switch signal received the access controller will unlock the doors it controlled and can start up the alarm. Alarm information will be recorded.
Linkage output	If control panel connected with I/O expansion board, then when door is unlocked legally, the controller can drive another relay to take action so to control more devices. For example, there is a customer request when door is unlocked legally, the controller will also start up the street light or send an open/close signal to camera. Linkage relay action time can be set to 0-600 seconds.
Theft deterrence and alarm	(see the detailed introduction for this function as follows)
The following functions connected ADCT3000 expansion panel: can drive hardware (alarm siren, alarm light) to alarm, otherwise can only alarm on software interface or drive computer speaker to alarm.	
Alarm for long time unlocking	When door unlocked at a long time or you forget to close the door, the monitoring interface on the software will notice the administrator the alarm time and location and to start up the computer speaker. You can set how long the alarm time is and also how long the door unlocked the alarm will be started
Alarm for illegal break in	Also called alarm for forced unlocking. Monitoring interface on the software will notice the administrator the alarm time and location and to start up the computer speaker. If I/O expansion board and magnet lines of the door connected, the controller can drive up the alarm devices.
Alarm for invalid card swiping	Namely, try to unlock the door with invalid card (unauthorized card), the monitoring interface on the software will notice the administrator the alarm time and location and to start up the computer speaker.
Intimidation alarm	You can set an intimidation password which is different with the normal password. When the staff was intimidated to unlock the door, staff can input an intimidation password to unlock the door, but the intimidation unlocking information (time and location) will be seen on the administration center and speakers of the administration center computer will warn the administrator. This function is gear to bank, cash house etc.

Normal Work Time Attendance	
Flexible time setting	You can set how many minutes late will not be counted as late.
Can define holiday period	You can define the holiday period on the software administration interface
Define punitive measure	For example: to define how many minutes late or early will be counted as absent
Can specify a certain door to do time and attendance	Can specify some doors to do time attendance and access control, or some doors only do access control
Can set the number of daily card swiping	You can set each day at least twice card swiping or four times card swiping

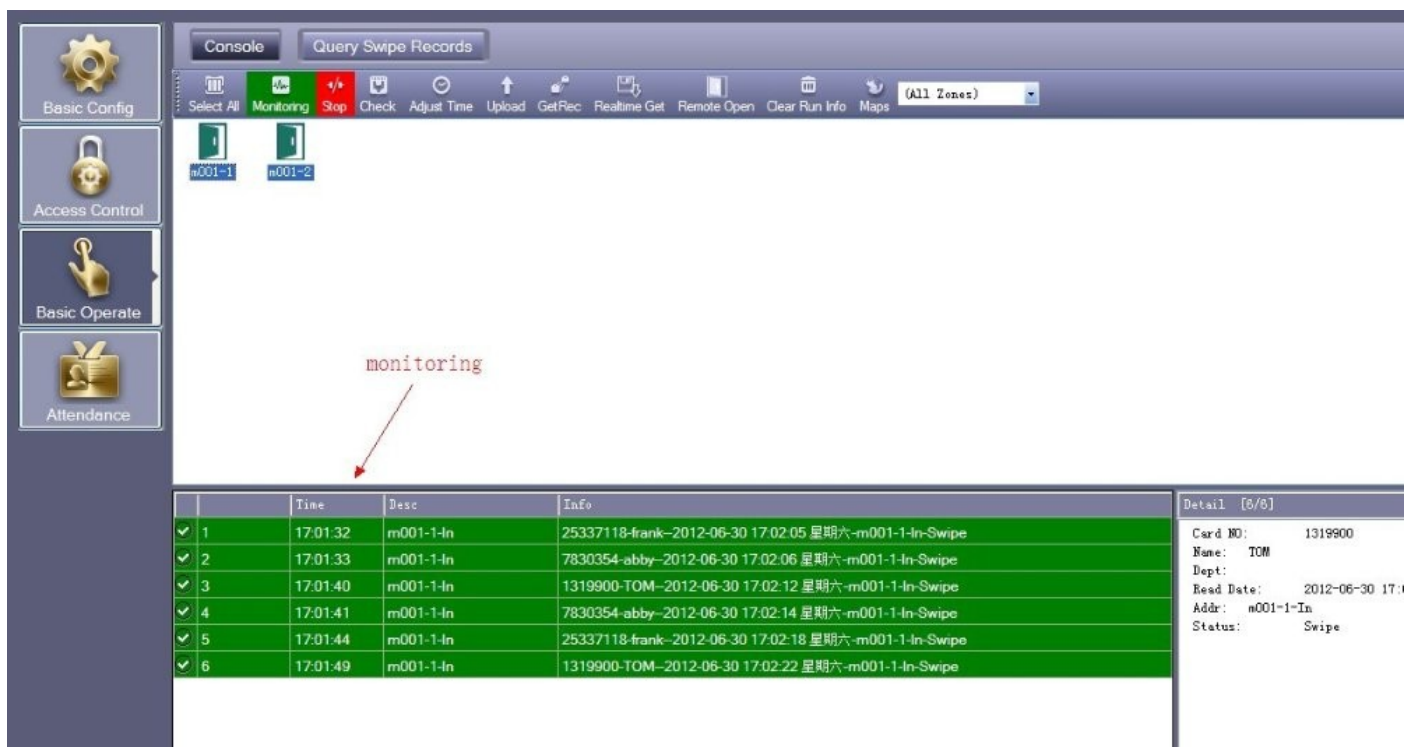
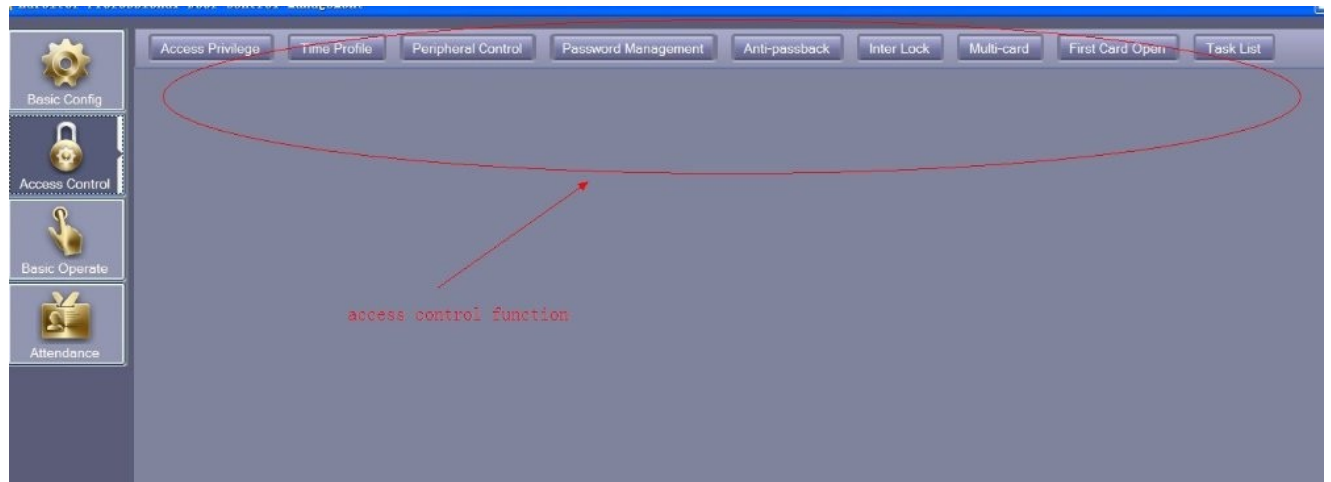
Flexible Sat time and attendance setting	You can set the weekend to be Sat and Sun, or only Sun etc.
Can import leave application form, flexibly add and customize the holiday name	Can input affair leaves, sick leaves, evection and yearly leaves etc.
Can legally do manual sign in	If someone didn't swipe the card or late because of forgivable reason, you can do manual sign in for him.
Detail time attendance report	You can check and print the report or export to a excel file. Report includes details such as on and off time, department and other information. You can check time attendance according to department, date etc.
Detail time and attendance summary report	You can check and print the report or export to a excel file. Employees' monthly (or a certain period of time) time attendance report. Also you can summer according to department or person. It can calculate how many minutes late, how many times late, how many times leave early, how many hours overtime work etc. You can choose to print in vertical or horizontal direction.
Can customize the report form	You can choose to print which item, width, sequence, and even save the form so next time you can use it again.
Can set that certain person excluded from time	For example, some special position such as general manager or some position which needs go out frequently, you can set on the software to exclude them from the time attendance list.
Multi-shift time attendance administration	
Can set 99 shifts	Besides normal shift, you can set additional 99 shifts
Support overnight shift	Shift time can be set at 0:00.
Support shift period turns	Shift period can be defined by yourself.
Every shifts can set different card swiping times	Each shift can set to swipe twice, 4 times, 6 times or 8 times, and can set a specified shift as overtime work.
Can calculate two kinds of overtime work mode: Postpone	Postpone over time means employee do overtime but no need to swipe overtime working card, only need to swipe card after overtime work. Example: normal shift is 17:30 off work; you can set overtime work start from 18:00, if employee swipe the card at 18:30, then 30 minutes will be counted as overtime work. Certain time overwork, you can specify a certain time period as overwork time, for example, 19:00 to 20:00 is the overtime work period, if the employee swipe card at 19:35, then 30 minutes will be counted as overtime work, if the employee swipe the card at 21:06, then 2hours will be counted as overtime work.

Swiping Card Fortification, Disarm, Alarm	
Infrared door magnet anti-theft setting	Connect with the infrared sense probe, sense organ or door magnet; if someone breaks in illegally, the infrared sense organ will start the alarm

	system.
24 hours alarm for disasters such as gas and fire	Need to connect with the gas sense organ, smoke sense organ etc.
Emergency call	Connect with the emergency button, if robbery happen inside the room, people can push the emergency button and alarm will be started



Software Introduction



IE interface

Web Controller

AddCard Users Swipe Configure Exit		
Item	Value	Operation
.....Device Status.....		Reboot
Device Name		Edit
Device NO	211100021	
Driver Version	V3.24.20409	
Realtime Clock	2012-06-30 16:57:36	Adjust Time
.....Door Control Parameter.....		
Remote Open		Remote Open #1 Door Remote Open #2 Door
Open Door Delay(second)	3	Edit
Open Door Password	Total:4	Edit
Users Total	11	
Door Status	#1 Door-Open, #2 Door-Open,	
Record PushButton And DoorStatus Events	Disabled	Edit
Super Card(AutoAdd Card)	.	Edit

Web Controller

[AddCard](#) **Users** [Swipe](#) [Configure](#) [Exit](#)

Keyword: [Search](#)

[First](#) [Prev](#) [Next](#) [Last](#) Total Users: 11

User ID	Card NO	Name	Operation
1	7314494		Edit Delete
2	3659085		Edit Delete
3	707080		Edit Delete
4	3654261		Edit Delete
5	20760517		Edit Delete
6	3660918		Edit Delete
7	15847186		Edit Delete
8	3509116		Edit Delete
9	1319900		Edit Delete

Web Controller

[AddCard](#) [Users](#) **Swipe** [Configure](#) [Exit](#)

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Record ID	Card NO	Name	Status	DateTime
39	1319900		Allow IN[#1DOOR]	2012-06-30 16:43:01
38	25337118		Allow IN[#1DOOR]	2012-06-30 16:47:59
37	7830354		Allow IN[#1DOOR]	2012-06-30 16:47:58
36	7830354		Allow IN[#1DOOR]	2012-06-30 16:47:56
35	25337118		Allow IN[#1DOOR]	2012-06-30 16:47:48
34	1319900		Allow IN[#1DOOR]	2012-06-30 16:47:35
33	25337118		Forbid IN[#1DOOR]	2012-06-30 16:46:29
32	7830354		Forbid IN[#1DOOR]	2012-06-30 16:46:14
31	1319900		Forbid IN[#1DOOR]	2012-06-30 16:46:00
30	1319900		Forbid IN[#1DOOR]	2012-06-30 16:45:37
29			Remote Open Door[#2DOOR]	2012-06-28 11:20:49
28			Remote Open Door[#1DOOR]	2012-06-28 11:20:47
27			Remote Open Door[#2DOOR]	2011-11-01 09:20:26
26			Remote Open Door[#1DOOR]	2011-11-01 08:30:33