

CHAPTER 11

701Server

The Purpose of Networking

SOYAL has not only got capabilities in hardware and firmware developing, we also proud of our software support which always being a weakness for other manufacturers.

Basically, we provide with 701Server which as a bridge to communicate between PC and controller. Then all of transactions be analyzed and reported in 701Client, which also provide you with useful functions for Time-attendance and access control purposes.

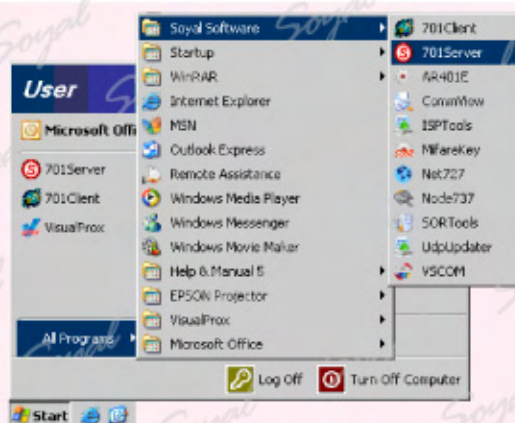
701Server is a resident software, is responsible for the computer and the correspondence, as well as the customer system's hardware plan, like the correspondence port configuration, the acquisition of information, the controller parameter configuration, the network construction, Check connection status and so on, 701Server main task is to set the hardware and communication parameters.

Installation and Execution

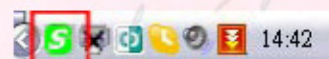
Software Installation



Double click **701ServerSetup.exe** icon to start the installation process.

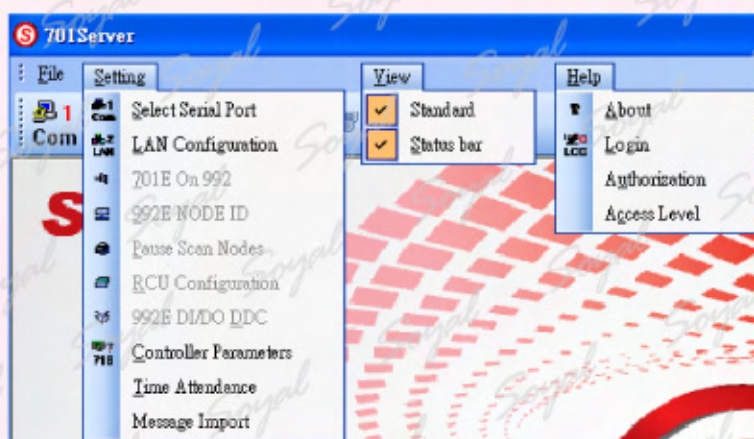


Go to the direction of Start → All Programs → Soyol Software → 701Server, Click 701Server and then login window will come out.



The 701Server icon right at the bottom of taskbarm, double click 701Server icon to activate the software.

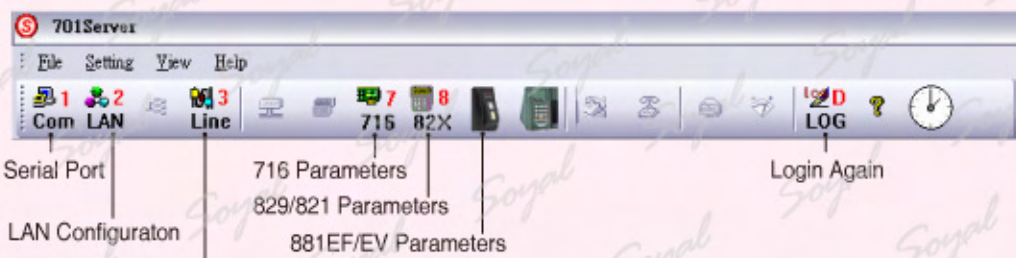
Main Menu



Setting	
Select Serial Port	Select a port can link computers and controllers.
LAN Configuration	Setting access controller node ID, item No to help achieve the correct connection and data transmission.
Controller Parameters	Setting AR-716E node ID and parameters.
Time Attendance	Time attendance related processing.
Message Import	Import message and file.

View	
Standard	View tool bar
Status Bar	View status Bar
Help	
About	You can find the version of 701Server.
Login	Login again
Authorization	0-119 operators for editing their access level, login name and password.
Access Level	Permission to operate the software.

Tool Bar



The communication status indicators

Com	Com port selected depends on which port of PC be used.
LAN	LAN base selected depends on which items and its node ID connected.
Line	Y(Blue): Well. X(Red): Not connected well. ?(Black): Not identified.
716	The functions of AR-716E, please set them up here for synchronization.

82X	The functions of AR-829/821EF, please set up here for synchronization.
881EF/EV	The functions of AR-881EFV/829EV5, please set up here for synchronization.
LOG	Login again

Basic Setting

Login



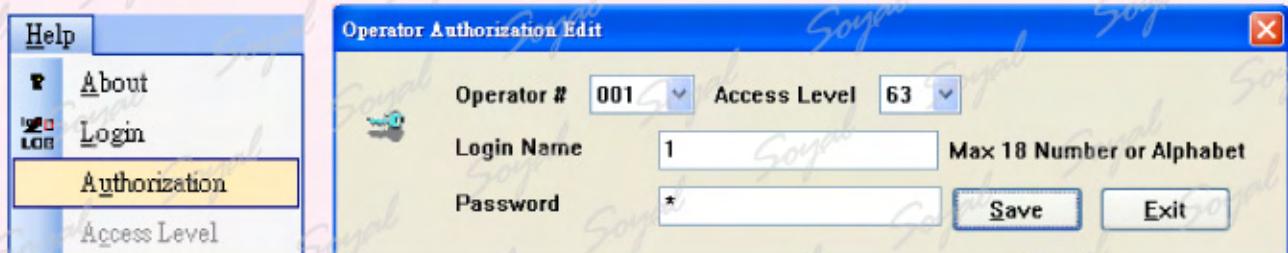
The first time to login 701Server, Login Name and password both are supervisor.

Login Name: supervisor

Password: supervisor

To improve security, change your password and access level immediately after login.

Access Level/Password

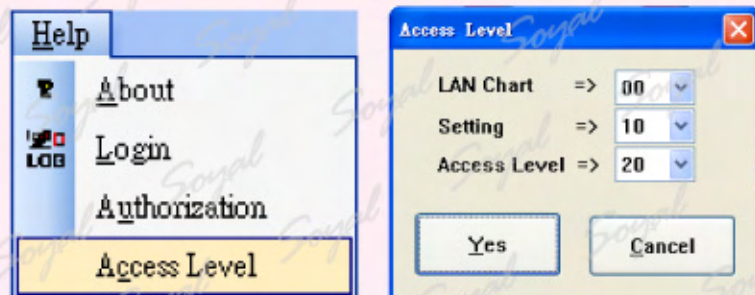


Help → Authorization and then Operator Authorization Edit window will come out. Items can be modified as follows:

1. Operator #: 0-119 operators for editing their access level, login name and password.
2. Access Level: 0-63 access level for editing. 63 is the highest authority.
3. Login Name: login name can have up to a total of 18 English words or 9 Chinese characters.
4. Password: password can have up to a total of 18 English words or 9 Chinese characters.

Permission To Operate the Software

Operator access level compared with permission to operate the software in order to determine the user's permission to operate the software.

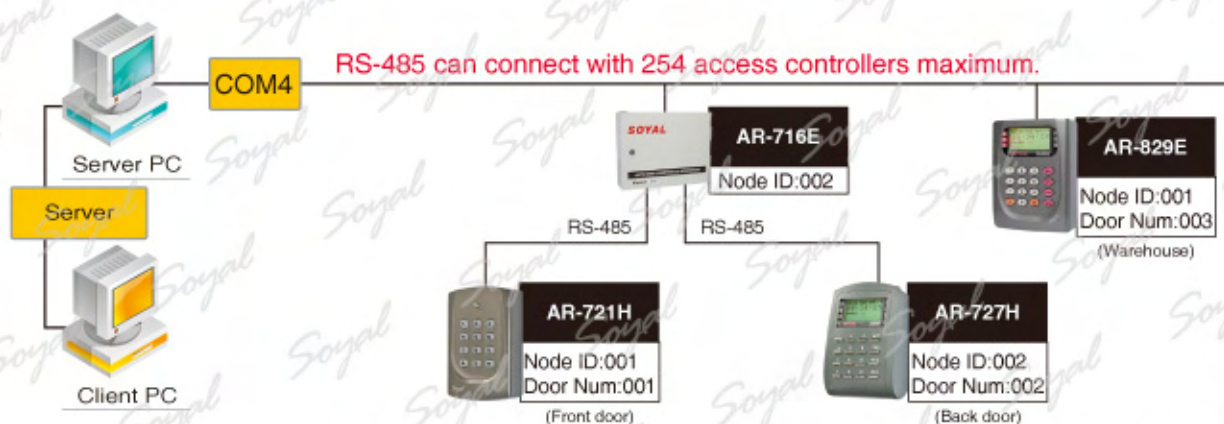


Help → Access Level and then Access Level window will come out. Items can be modified as follows:

1. LAN Chart: 00~63. This level is the permission to view the connectivity, 63 is the highest authority.
2. Setting: 00~63. This level is the permission to modify data, 63 is the highest authority.
3. Access Level: 00~63. This level is the permission to modify software permissions, 63 is the highest authority.

Example

To get familiar with 701Server by the following example.



A company has three doors: front door, back door and the warehouse. Using Multi-Door Networking Controller (AR-716E) connect two access controllers (AR-721H and AR-727H) responsible for front door and back door, AR-829E independently responsible for the warehouse.

Step 01 Node ID

Node ID: Access controller with a different code to help computer identify (node ID range: 001~254).

AR-716E node ID: 002, AR-721H node ID: 001, AR-727H node ID: 002, AR-829E node ID: 001.

Setting AR-716E Node ID



Using DIP switch to set the AR-716E node ID.

Setting AR-721H Node ID (AR-721H connect under the Multi-Door Networking Controller)

P M4 M8

Command >

0 0 * 0 0 1 #
Node ID 001-016

Input master code (default: *123456#) to enter program mode and input 00*001# to set AR-721H node ID, AR-721H connect under the Multi-Door Networking Controller (AR-716E), therefore, AR-721H Node ID under the control of Multi-Door Networking Controller (AR-716E).

- The node ID arrangement of readers which connected under Multi-Door Networking Controller (AR-716E) only could be 1-16.
- Through software (701Server or VisualProx) settings door number.

Setting AR-727H Node ID (AR-727H connect under the Multi-Door Networking Controller)

P M4 M8

2. User Setting
3. Parameter (1)
4. Parameter (2)
F1/F2:Next # : YES

Select "3. Parameter (1)"

Press #

Input Door Num:H
Range: 001 ~ 254
Current Data: 001
001

Input door number H
For example: 001

0. Auto Alarm Tm
1. Node ID
2. AutoOpen Zone
* : Exit # : Enter

Select "1. Node ID"

Press #

Input Door Num:L
Range: 001 ~ 254
Current Data: 001
030

Input door number L
For example: 030

Input New NodeID
Range: 001 ~ 254
Current Data: 001
005

Input node ID
For example: 005

Show Card ID ?
1: No 2: WG 3:ABA
4: HEX Cur.: 2

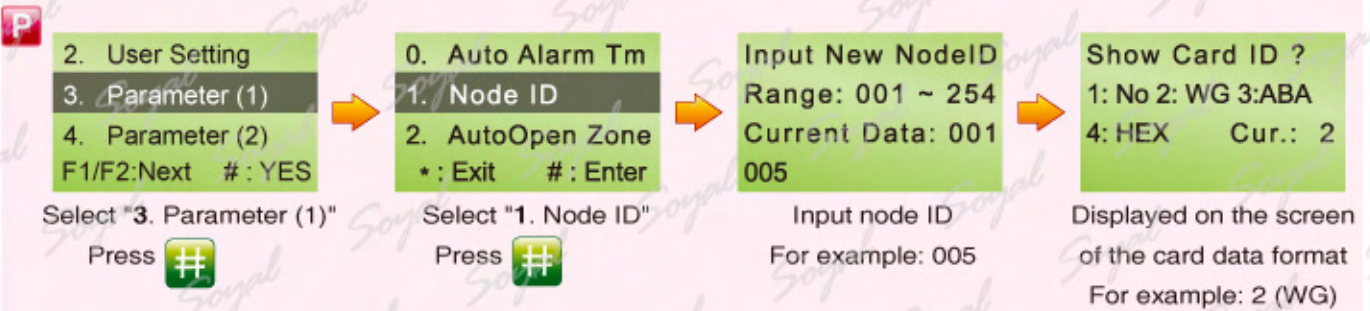
Displayed on the screen
of the card data format
For example: 2 (WG)

Quick instructions >

P 3 1

- The node ID arrangement of readers which connected under Multi-Door Networking Controller (AR-716E) only could be 1-16.
- Through software (701Server or VisualProx) settings door number.

Setting AR-829E Node ID



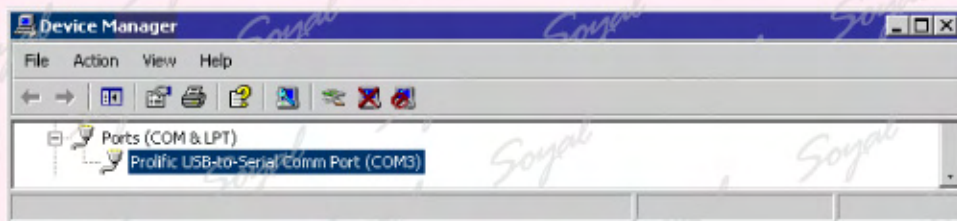
Quick instructions



- Access controller connect with PC directly that node ID range is 001~254.
- Through software (701Server or VisualProx) settings door number.

Step 02 Networking Setting

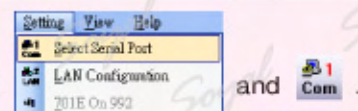
Check the connection status of the device when related equipment is wiring complete. First, make sure the COM Port as following - My Computer-Properties-Hardware-Device Manager-Ports.



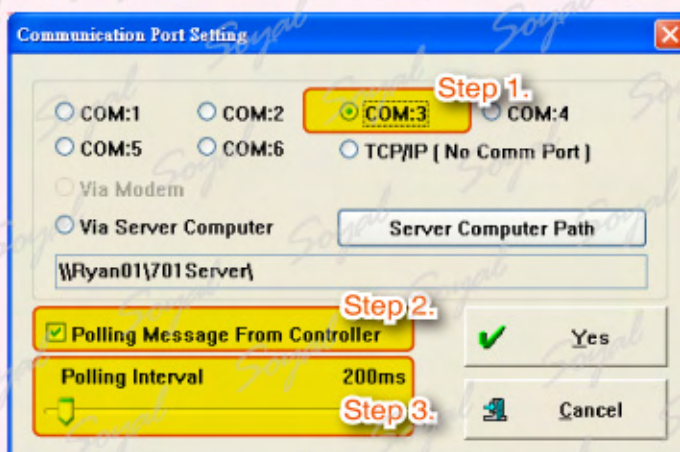
From the above chart shows that port is COM3.

Serial Port

There are two ways to open the Communication Port setting window:



- Step 1.** By the computer Detection results to select the port: COM3 (refer to My Computer-Properties-Hardware-Device Manager-Ports).
- Step 2.** Selection the options: Polling Message From Controller.
- Step 3.** Polling Interval: 200ms, the PC will inquiry messages from controller every 200ms.



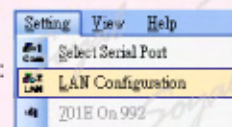
LAN Configuration

There are two ways to open the Node Number for Polling window:

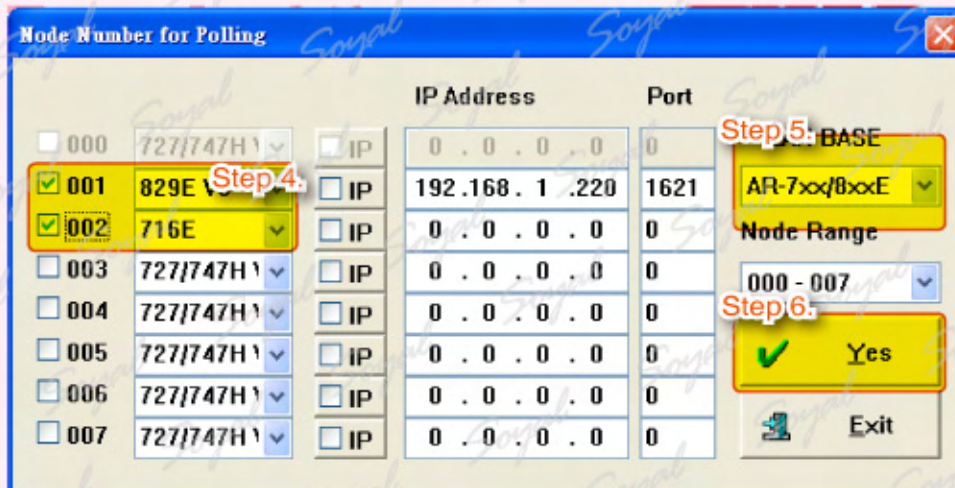
Step 4. Select node ID and access controller

Step 5. Select LAN BASE.

Step 6. Press YES



and LAN .



NOTE

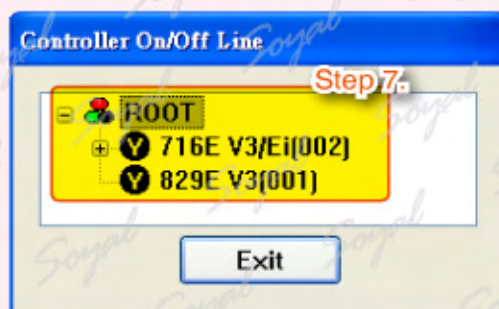
In Node Number for Polling window only for AR-829E and AR-716E be set, because AR-727H and AR-721H which connected under Multi-Door Networking Controller (AR-716E), must enter 7 to set parameters.

※ Node Range: total is 256 groups, each group can display 7 node ID data.

Controller On/Off Line

Open Controller On/Off Line window to check the device connection status:

Step 7. Click + to check the access controller item No and amount of access controller. If the icon front of item No is Y that mean controller successfully connected to PC and find the 701Server icon S right at the bottom of taskbar and flashing.



NOTE

Y Well: controller successfully connected to PC.

X Not connected well: it recommended to check the followings and must see Y to do the further settings.

1. Check if the line is broken 2. Check if the number of settings are correct.

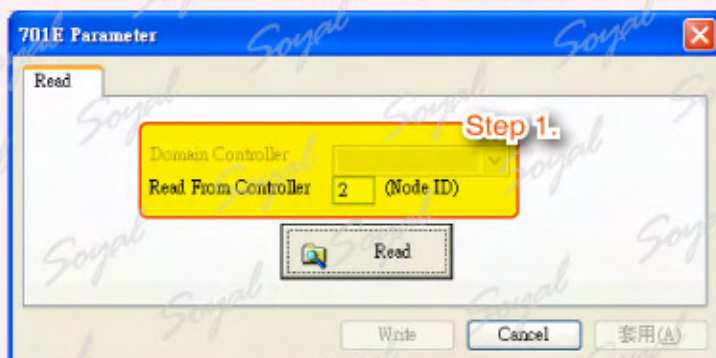
Step 03 AR-716E


Only when AR-716E (Multi-Door Networking Controller) connected with PC then could entry 701parameters.

Read From Controller

There are two ways to open the 701E Parameter window: Setting - Controller Parameters and .

Step 1. There is filled in AR-716E node ID to get in 716E parameter for others setting.


701E Parameters

Step 2. There are two channels of AR-716E, each channel could connected with 8 sets of readers. AR-721H is the first access controller and node ID is 001, AR-727H is the second access controller and node ID is 002.

Step 3. If there are many networking access controllers, important access controller can be set for master reader of network.

Step 4. Select OnK3 is used in users violation of anti-pass back or OnK4 is used in alarm output.

Step 5. Enable auto open time zone, this function be set in zone 63 .

Step 6. Enable auto enter arming mode, this function be set in zone 62 .

Step 7. DI1 will be responsible for receiving the emergency message and open all the doors.

Step 8. Reset is used when the user violations and emergencies, reset function of anti-pass back, this function be set in zone 61 .

Step 9. K2 will be responsible for receiving the disconnected message message and sending messages to administrator.

Step 10. Press Write button to save all settings.

701E Parameter

Time-scheduled Output | DI Input V.S. Relay Output Connection | Parking Space

Read | On-line Reader | Door Number | Duress Code | Reader Relay vs 716E Relays

New Node Address: [] F/W Version: 10.07 [Clear Messages]

Reader 1-8 **Step 2.**

☒ 001 ☒ 002 ☐ 003 ☐ 004

☐ 005 ☐ 006 ☐ 007 ☐ 008

Reader 9-16

☐ 009 ☐ 010 ☐ 011 ☐ 012

☐ 013 ☐ 014 ☐ 015 ☐ 016

☐ Master Controller **Step 3.**

☐ K3:Anti-passback Err / K4:Alarm **Step 4.**

☐ Reassign Time Zone

☐ Enable Auto Open (Zone:63) **Step 5.**

☐ Enable Auto Disarming (Zone:62) **Step 6.**

☐ Reader LCD Show : Day/Month

☐ DI1 Active Release All Doors **Step 7.**

☒ Auto Reset Anti-Pass (Zone:61) **Step 8.**

☐ On K2 While Reader Off Line **Step 9.**

Step 10. [Write] [Cancel] [套用 (A)]

Door Number

The number corresponds to location to help user identify access record and area. Node ID corresponds to access controller to help PC identify access controller and data.

Step 1. Select Door Number tag and enter of the controller corresponding the door number, reader 1's door number is 1, reader 2's door number is 2.

Step 2. Press Write button to save all settings.

701E Parameter

Time-scheduled Output | DI Input V.S. Relay Output Connection | Parking Space

Read | On-line Reader | Door Number | Duress Code | Reader Relay vs 716E Relays

Reader 1-8 **Step 1.**

Reader 1 [1] Reader 2 [2] Reader 3 [3] Reader 4 [4]

Reader 5 [5] Reader 6 [6] Reader 7 [7] Reader 8 [8]

Reader 9-16

Reader 9 [9] Reader 10 [10] Reader 11 [11] Reader 12 [12]

Reader 13 [13] Reader 14 [14] Reader 15 [15] Reader 16 [16]

Wiegand Reader 1 (Node:17)

Door Number [16]

☒ Antipass-back IN Door

☒ Armine (DI3 is Sensor) **Step 2.**

Wiegand Reader 2 (Node:18)

Door Number [16]

☒ Antipass-back OUT Door

☒ Armine (DI4 is Sensor)

[Write] [Cancel] [套用 (A)]

NOTE

There are two WG channels of AR-716E, each channel could connected with 1 WG access reader. The first WG reader node ID is 17, the second WG reader node ID is 18. Here you can set the following functions:

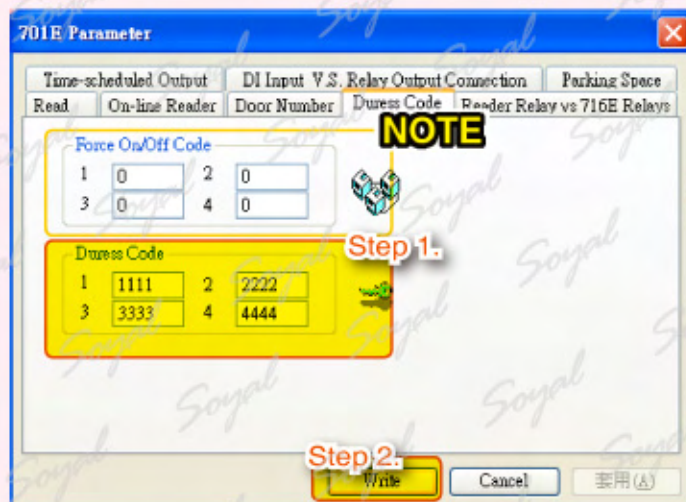
1. Anti-pass back
2. DI3 and DI4 has sensor function.

Duress Code

If you meet abnormal person to threaten open the door, for assistance you can input duress code and send message to control center.

Step 1. Enter up to 4 sets duress code, for example: 1111, 2222, 3333, 4444.

Step 2. Press Write button to save all settings.


NOTE

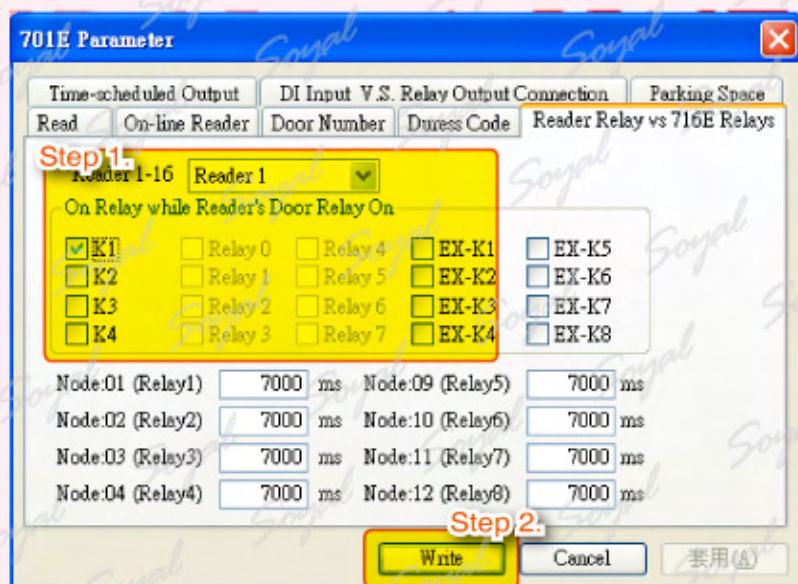
Setting duress code in the 701E Parameter is the main duress code.
 ※ Force On/Off Code be used to control relay.

Reader Relay and 716E Relay

There are 4 relay of AR-716E, K1 to K4, which action time could be set here. The extensive relay board, EX-K1 to EX-K8, which action time also could be set.

Step 1. Select the node ID and name of relay. Here, we will synchronize the node 001 with K-1 and synchronize the node 002 with K-2.

Step 2. Press Write button to save all settings.



Time-Scheduled Output

There is a time-scheduled output of AR-716E for using, setting relay output, specify the weekday, time. General be used in office and auto management.

Step 1. Select Monday for time-scheduled.

Step 2. Determine to display how much data, once can be displayed 6 document data.

Step 3. Determine alarm time, for example: 04:50am and 09:40am.

Step 4. Select the alarm duration: 10 sec.

Step 5. Select relay for alarm output.

Step 6. Press Write button to save all settings.

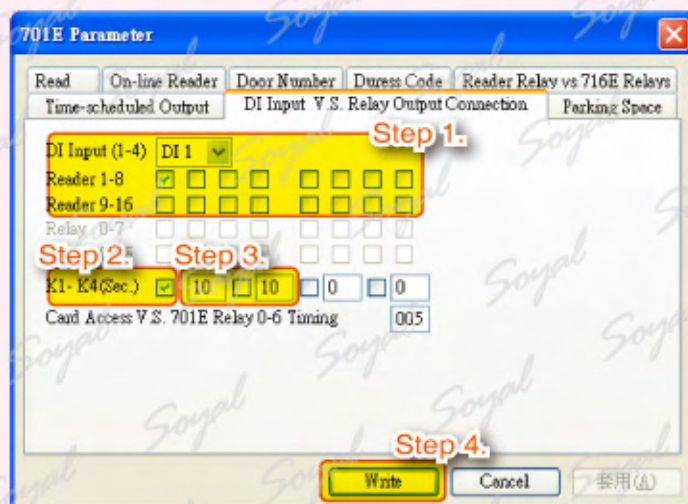
The screenshot shows the '701E Parameter' dialog box with the 'Time-scheduled Output' tab selected. The configuration is as follows:

- Weekday:** Monday (Step 1)
- Range:** 01-06 (Step 2)
- Time to trigger:** 04:50, 00:00, 00:00, 09:40, 00:00, 00:00 (Step 3)
- Interval (Sec):** 010, 000, 000, 010, 000, 000 (Step 4)
- Output Relay:** K1, K2, K3, K4. K1 and K3 are checked (Step 5).
- Buttons:** Write, Cancel, 套用(A) (Step 6)

DI Input and Relay Output Connection

Using the AR-716E's DI control relay and request to exit (RTE).

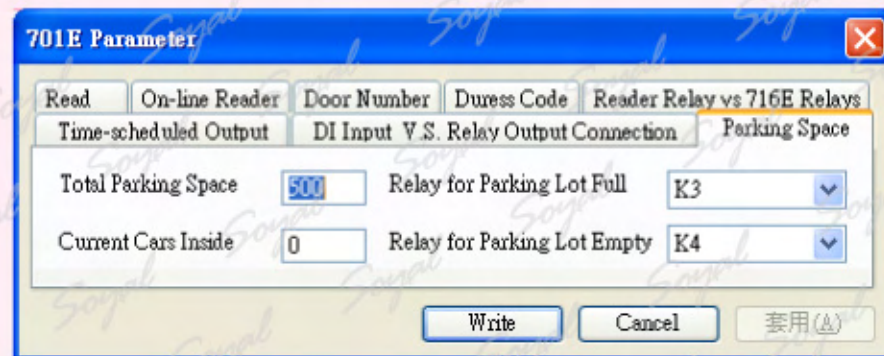
- Step 1.** Selection the number of DI and the corresponding access controller. For example: DI1 corresponding node ID is node ID 1 (AR-721H), DI2 corresponding node ID is node ID 2 (AR-727H).
- Step 2.** Selection the number of DI and the corresponding relay. For example: DI1 corresponding relay is K1, DI2 corresponding relay is K2.
- Step 3.** Input lock relay time: K1 and K2 lock relay time are 10 seconds.
- Step 4.** Press Write button to save all settings.


NOTE

If you do not perform Step 2, lock relay time will be by the same as lock relay time on access controller.

Parking Space


This application for parking lots, which could monitor the parking space status and message output to designate devices.


NOTE

- **Total Parking Space:** when parking lots full will enable K3.
- **Current Cars Inside:** when parking lots empty will enable K4.
- ※ K3 and K4 can be connected to LED and display the desired message.

Step
04**821E/829E Parameter**

8 series access controller is an advanced access controller , most of the parameters need to set via 701Server.

Click  to open 821E/829E Parameter setting window.

- Step 1. AR-829E is with LCD panel access controller, enter program mode and input 31 (quick instructions) to set node ID. Setting AR-829E node ID is 001.
- Step 2. Press "Read From Controller" to receive access controller data.
- Step 3. Modify the access controller node ID.
- Step 4. Lock relay time: lock relay time is the amount of time that the lock will be operated.
- Step 5. Alarm Relay Time: alarm relay time alarm continuous transmitter time.
- Step 6. Lock Relay Time + Door Open Time.
- Step 7. Arming Delay Time: the time between arming mode preapred and arming mode activated, it is buffer time.
- Step 8. Alarm Delay Time: abnormality occurs and alarm delay time expires, the alarm will be issued. The main objective is to reduce false triggering.
- Step 9. Master Code: the master code is used to access all the programming features (6-digits).
- Step 10. Arming PWD: if the controller is in arming mode , they can always detect whether there are anomalies and alerts. There are two ways to set arming mode: 1. Enter program mode 2. Input arming PWD.
- Step 11. Door Number: the number corresponds to location to help user identify access record and area.
- Step 12. Master Controller of Network: if there are many networking access controllers, you must set one controller as Master Node.
- Step 13. English Menu: Change to English interface, this feature could be also set in the controller.
- Step 14. Force Open Alarm Output :The alarm will be activated when someone tries to open the door abnormally.
- Step 15. Request To Exit: through RTE to open the door
- Step 16. Auto Re-lock: If the door close then the door lock will relock, using door contact to detect the status of door.
- Step 17. Auto Open (Zone: 63): 701Clien zone63 for auto open time (refer to ).
- Step 18. Auto Enable Arming Mode (Zone: 62): 701Clien zone62 for auto arming (refer to .
- Step 19. Check Fingerprint: if access controller is AR-821EV, it has a fingerprint recognition function.
- Step 20. Time Attendance Reader: integration of the access record of access controller's memory for the attendance report.
- Step 21. Auto Duty Functions: access controller LED will display "Duty: 0, Duty: F; OVT: 0, OVT: F" message.
- Step 22. Close Door Stop Alarm: The activated alarm will be stopped when the door is closed.
- Step 23. Enable Anti-Pass Back: when two readers are used to control Entrance/Exit, anti-pass back may be set.

- Step 24. WG Port Use Alarm Relay:** external WG reader to control dual doors. Must Use alarm output as Wiegand reader output.
- Step 25. Max Error Times:** determine the allowable number of input errors, if the number of input errors exceeds this max error times, keyboard panel will be locked (if max error time is 0, this function will be disabled).
- Step 26. Msg. Overflow:** The access controller will save the data temporary during offline. There will be alarmed if the capacity of data exceeds Msg. Overflow and remind administrator to save the data into the computer.
- Step 27. Duress Code:** if you meet abnormal person to threaten open the door, you can input duress code and send message to control center.
- Step 28. Daily Time Schedule:** there is a time-scheduled output of AR-716E for using, setting relay output, specify the weekday, time. General be used in office and auto management.
- Step 29. On Alarm for Expiry:** if The alarm will be activated if someone presents invalid card to the reader.
- Step 30. Reset Anti-pass (Zone: 61):** zone 61 be used in reset when the user violations and emergencies, reset function of anti-pass back.
- Step 31. DI Loop 2/3 Show Message:** if AR-829E DI is received signal can according to the demand this signal displayed on the computer screen.
- Step 32. Idle Screen:** enter message in idle screen, this message will be displayed on access controller LCD panel.
- Step 33. Open Door via P.I.N. Selection:** select access mode.
Serial Num + PIN: input user address and private PIN and press #
PIN Only: Input private PIN directly (there are no control mode in AR-829E).
- Step 34. External Reader Format:** select external reader format.
- Step 35. TP1 Serial Port Format:** select external equipment.
- Step 36. Download:** download fingerprint data to access controller (select user addresss to be download).
- Step 37. Delete:** delete AR-821EF/V's fingerprint or finger vein data (select user addresss to be deleted).
- Step 38. Upload from Device to File:** saving fingerprint or finger vein data from access controller to the computer (select user addresss to be uploaded).
- Step 39. Write To Controller:** Write all settings to access controller.

821E/829E Parameter setting

Step 1: Read From 001 ☐ Master Node Step 12: ☐ Enable Anti-passback Step 23:

Step 3: Node Addr 1 ☐ English Menu Step 13: ☐ WG Port Use Alarm Rel Step 24:

Step 4: Door Relay 10 ☐ Date Format (D Step 14: ☐ Enable via Master

Step 5: Alarm Relay 20 ☒ Enable Force Alarm Max Error Times 5 Step 25:

Step 6: Wait Delay 10 ☒ Enable Egress E Step 15: Msg. Overflow 5000 Step 26:

Step 7: Arm. Delay 10 ☒ Enable Auto Rel Step 16: Duress Code Step 27:

Step 8: Alarm Delay 10 ☐ Time Zone Via Door 5151 9191

Step 9: Master ***** ☒ Auto Open (Zone Step 17: 8181 7171

Step 10: Arm. Pass 1234 ☒ Auto Disarm (Zo Step 18:

Finger # 720 ☐ Check Fingerpri Step 19: Daily Time Schedule Step 28:

Step 11: Door Num 3 ☒ TimeAttendance Step 20: ☐ On Alarm for Expiry Step 29:

Step 32: Idle Screen... ☒ Auto Duty Funct Step 21: ☐ Reset Anti-pass (Zone:61 Step 30:

☒ Close Door Stop Step 22: ☐ DI Loop2/3 Show Messag Step 31:

Step 33: Open Door via P.I.N. Selection External Reader Format Step 34:

☒ Serial Num + PIN ☐ PIN Only ☒ WG26/34 ☐ ABA10

TP1 Serial Port Format Step 35:

☒ AR-401RO16 ☐ LED Display ☐ Line Printer ☐ Terminal

FW Version: X.XX

Step 2: Read From Controller Range: 1 --- 20 **NOTE**

Fingerprint Device

Step 39: Write To Controller ☒ Single ☐ All Connected Step 36: Step 37:

Step 38:

Ready Message

WELCOME

NOTE


Select user addresss to upload and download fingerprint or finger vein data.

Alarm Events Editor

Weekday SUN

Auto Duty	Event	Sec.
On Duty	00:00	000
Break Out	00:00	000
Break In	00:00	000
Off Duty	00:00	000
Over T. On	00:00	000
Over T. Off	00:00	000
	00:00	000
	00:00	000
	00:00	000
	00:00	000
	00:00	000
	00:00	000
	00:00	000
	00:00	000

Step
05
881EF/881EV Parameter

 Click  to open 881EFV/829EV5 Parameter setting

- Step 1. Setting AR-881EFV node ID is 001.
- Step 2. Press "Read From Controller" to receive access controller data.
- Step 3. Modify the access controller node ID.
- Step 4. Door Relay: lock relay time is the amount of time that the lock will be operated.(range 001~600)
- Step 5. Relay [WG]: lock relay time is the amount of time that the lock will be operated on WG.
- Step 6. Open too: Lock Relay Time + Door Open Time.
- Step 7. too: Lock Relay Time + Door Open Time operated on WG.
- Step 8. Alarm Time: alarm relay time alarm continuous transmitter time.(range 001~255)
- Step 9. Arming: the time between arming mode preapred and arming mode actived,it is buffer time.
- Step 10. Alarm Delay: abnormality occurs and alarm delay time expires, the alarm will be issued.
- Step 11. Edit Pwd: the master code is used to access all the programming features (6-digits).
- Step 12. Arming Pwd:if the controller is in arming mode , they can always detect whether there are anomalies and alerts. There are two ways to set arming mode: 1. Enter program mode 2. Input arming PWD.Master Controller of Network: if there are many networking access controllers, you must set one controller as Master Node.
- Step 13. Door Nr. : The number corresponds to location to help user identify access record and area.
- Step 14. Door: the number corresponds to location to help user identify access record and area.
- Step 15. Enable Force Alarm :The alarm will be activated when someone tries to open the door abnormally.
- Step 16. Enable Antipassback: when two readers are used to control Entrance/Exit, anti-pass back may be set.
- Step 17. Enable Push to Exit: through RTE to open the door.
- Step 18. Enable Auto Relock: When door colesd,lock will auto-lock.
- Step 19. Close Stop Alarm: The activated alarm will be stopped when the door is closed.
- Step 20. Share Door Relay: Only use one door.
- Step 21. Enable Free Zone(63): 701Clien zone63 for auto open time (refer to ).
- Step 22. Free Zone Open Imm. : Enable Free Zone to open door.
- Step 23. Ena. Disarm Zone(62): The Disarm Zone's activated alarm will be stopped.
- Step 24. Is Duty Reader: integration of the access record of access controller's memory for the attendance report.
- Step 25. Skip PIN Check: AR-881E does not have keyboard ,when you log in can skip enter PIN code.
- Step 26. Door open for any Tag: The same frequency, any card can open the door.
- Step 27. Reset Antipass (TZ61): zone 61 be used in reset when the user violations and emergencies, reset function of anti-pass back.
- Step 28. Alarming if Expiried: When the user-card is overdue,alarming will working.
- Step 29. WG Output Mode: Setting AR-881E become output mode to connect other controller.

- Step 30.**Auto Open Zone: setting relay output for open the door, specify the weekday. General be used in office and auto managemet.
- Step 31.**Time Schedule Alarm: there is a time-scheduled output . Setting relay output, specify the weekday, time. General be used in office and auto management.
- Step 32.**RS-485 Port: select external equipment.
- Step 33.**Biometric Module Type: select external equipment.
- Step 34.**Write Fingerprint / Vein: download fingerprint data to access controller (select user adderss to be download).
- Step 35.**Delete Fingerprint / Vein: delete AR-821EF/V's fingerprint or finger vein data (select user adderss to be deleted).
- Step 36.**Read Fingerprint / Vein from controller: saving fingerprint or finger vein data from access controller to the computer (select user adderss to be uploaded).
- Step 37.**Write: Write all settings to access controller.

The screenshot shows the 'AR801EFV829EY5 Parameters' configuration window. It is divided into several sections with various settings and buttons. Red boxes and numbers are overlaid on the image to indicate specific steps in a configuration process.

Parameters Section:

- Target Node:** 001 (Step 1)
- New Node ID:** 1 (Step 3)
- Door Relay:** 10 (Step 4)
- Relay [WG]:** 10 (Step 5)
- Open too long:** 15 (Step 6)
- too long[WG]:** 15 (Step 7)
- Alarm Relay:** 20 (Step 8)
- Armed Delay:** 10 (Step 9)
- Alarm Delay:** 10 (Step 10)
- Edit Pwd:** ***** (Step 11)
- Armed Pwd:** 1234 (Step 12)
- Door Nr.:** 3 (Step 13)
- Door Nr[WG]:** 4 (Step 14)
- Enable Force Alarm:** ☒ (Step 15)
- Enable Antipassback:** ☒ (Step 16)
- Is Entry Door:** ☐ (Step 17)
- Enable Push to Exit:** ☒ (Step 17)
- Enable Auto Relock:** ☒ (Step 18)
- Close Stop Alarm:** ☒ (Step 19)
- Share Door Relay:** ☐ (Step 20)
- Enable Free Zone:** ☒ (Step 21)
- Free Zone Open Imm.:** ☒ (Step 22)
- Ena. Disarm Zone(62):** ☒ (Step 23)
- Is Duty Reader:** ☒ (Step 24)
- Skip PIN Check:** ☒ (Step 25)
- Door Open for Any Tag:** ☐ (Step 26)
- Duress Code:** 0 (Step 27)
- English Manual:** ☐ (Step 28)
- Date Time Format(DD/MM):** ☐ (Step 29)
- Auto Duty Schedule:** ☐ (Step 29)
- Reset Antipass(TZ61):** ☒ (Step 29)
- Alarming if Exmired:** ☒ (Step 29)
- Alarming if Expired:** ☐ (Step 29)
- WG Output Mode:** ☐ (Step 29)
- Master:** 0 --- 0 (Step 30)

Card or PIN Access Mode:

- ☐ Address + PIN Code (M4)
- ☒ Pin Code Only (M8) (Step 31)

Buttons:

- Free Zone Edit (Step 30)
- Time Schedule Alarm (Step 31)

RS485 Port:

- ☐ Lift Controller
- ☒ Host Comm. Port (Step 32)
- ☐ LED Panel
- ☐ Line Printer

Biometric Module Type:

- ☒ 200Mode Photo & CMOS (Step 33)
- ☐ 200Mode Photo
- ☐ 200Mode CMOS
- ☐ 9000Mode Photo/CMOS
- ☐ Finger Vein
- ☐ None

F/M: Version :

User: 0 --- 2000 (Step 34)

NOTE

Buttons:

- Read (Step 35)
- Empty Event Log (Step 36)
- Write (Step 37)
- Write Fingerprint/Vein (Step 34)
- Delete Fingerprint/Vein (Step 35)
- Exit (Step 37)
- Read Fingerprint/Vein from Controller (Step 36)

[illegible]

NOTE

Select user addresss to upload and download fingerprint or finger vein data.

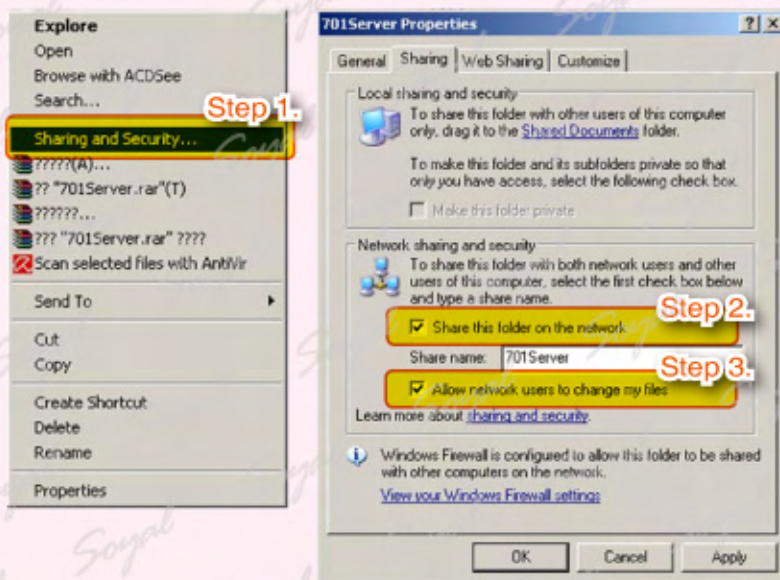
Step
06**Setting for Client computer**

A server computer is a host that is running with controller which share their resources with client computer. Here we will go through the settings for client computer.

Step 1. Click right button of the mouse on two folder: C:\program files\701Server and C:\program files\701Client and select "Sharing and Security..." to open 701Server Properties window and 701Client Properties window.

Step 2. Select "Share this folder on the network".

Step 3. Select "Allow network users to change my files".

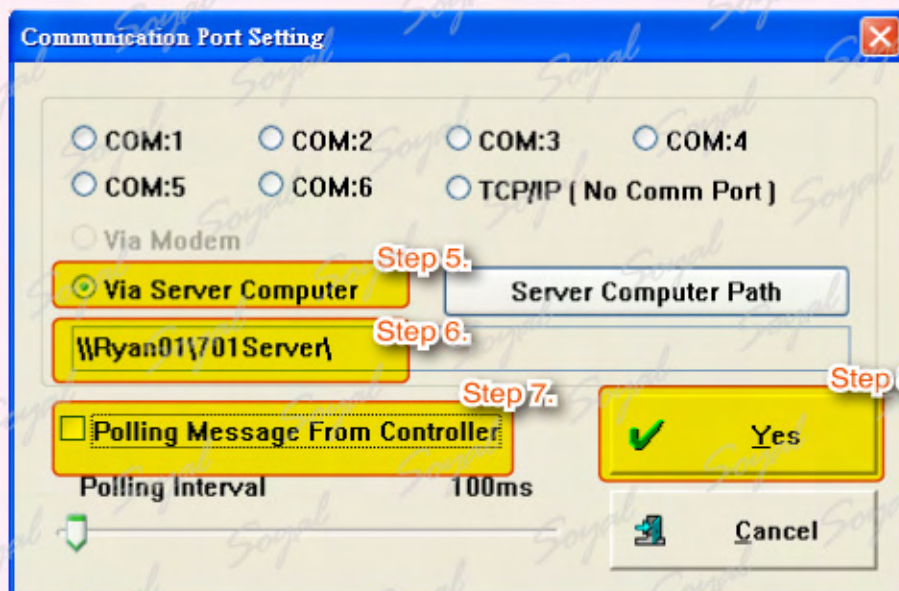


Step 4. Login to 701Server program on the Client computer, Click  to open Communication Port Setting.

Step 5. Choose Via Server Computer and click Server Computer Path button

Step 6. Choose server PC path.

Step 7. Don't select Polling Message From Controller.



Step 07 Attendance

Setting attendance report relevant information.

Click Setting-Time Attendance to open Time Attendance Setting window.

Step 1. Time attendance base on Work Time or Duty Function Key, which could select here.

Work Time [First and Last Records]: The first record and last record will be included in the attendance report.

Depend On [Duty Function Key]: depend on access controller LED. For example: "Duty: 0, Duty: F; OVT: 0, OVT: F" messages.

Step 2. Maximum User On System: the number of users.

Step 3. Duty Start Time [Day Shift]: the time for day shift.

Step 4. Update time clock to controller at program start: Synchronize the time of the computer and the controller.

Step 5. Auto update Controller Clock: Two time sets to synchronize the time of the computer and the controller automatically.

Step 6. Backup Message File: indicating the second folder path to save backup message file.

Step 7. Execute another Program while Startup: indicating the executed program while 701Server has been executed. We normally execute 701Client as another program.

Step 8. Press Yes button to save all settings.

The screenshot shows the 'Time Attendance Setting' window with the following settings and annotations:

- Time Attendance Base On:**
 - ☐ Work Time [First and Last Records]
 - ☒ Depend On [Duty Function Key] (Step 1)
- Maximum User On System:**
 - ☒ 5,000
 - ☐ 10,000
 - ☐ 15,000
 - ☐ 50,000
- Duty Start Time (Day Shift):** 23:59 (Step 3)
- ☒ Update time clock to controller at program start (Step 4)
- Auto update Controller Clock:** 08:30 to 00:00 (Step 5)
- ☐ Backup Message File(*.msg) to Second Folder (Step 6)
 - Path: C:\Program Files\701Server\
- ☐ Execute another Program while Startup (Step 7)
 - Path: C:\Program Files\701Client\client.exe
- Buttons:** Yes (Step 8), Exit

