**USER’S MANUAL**

duo

2 wire system video door intercom

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S1101A S1102A

S1103A

S1104A

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S1201A S1202A

S1203A

S1204A

Door station

W.20180828ENG

**INTRODUCTION**

Before you start to assemble and use the device, please read this user's manual carefully. In case of any problems with understanding its contents, please contact your seller of the device. You can install and commission the device yourself if you have the basic knowledge of electronics and use appropriate tools. It is recommended to install the device by the qualified personnel. The manufacturer is not liable for damages which may result from your incorrect installation or operation of the device or from making repairs and modifications on your own.

CHRACTESISTICS OF THE SYSTEM

VIDOS is a state-of-the-art solution characterised by its exceptional ease of configuration and installation. The system operation is based on the simplicity of connection through 2 non-polarity wires only. It can be extended with additional options by using dedicated modules, which are also connected with 2 wires. Thanks to the application of the proven signal modulation techniques, transmitted video and sound stand out with their very good quality at every point of your installation.

BASIC FEATURES OF THE VIDOS DUO SYSTEM:

- Up to 4 door stations can be connected

- Maximum 32 places in the system at its basic configuration

- Addressed intercom in-between monitors

- 1 power supply for the whole system

- 2 wire connections (non-polarised) between each point within the entire system

- CCTV camera application feature (4 CCTV cameras as standard)

- GSM module as an optional solution to receive calls on the telephone

- Distance from a door station to the furthest monitor - 150 m; this range can be extended up to 300 m when using the module M-3F

- Lighting control feature

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PARTS AND FUNCTIONS

Part Names

Surface mounted: S1101A/S1102A/S1103A/S1104A

[10]

[11]

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[1]

[13]

[12]

[9] [8] [7]

[6] [5]

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|  |

[2] [3]

[4]

Flush mounted: S1201A/S1202A/S1203A/S1204A

[14]

[11]

[1]

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[9]

[2]

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[3]

[8]

[7]

[4]

[13]

[1] Microphone

[6]

[5]

[5] Nameplate

[10] Rainy cover

[2] UNLOCK indicator [3] CALL indicator [4] Call button

[6] Front panel [7] Speaker

[8] Night view LED [9] Camera lens

[11] Mounting hook [12] Connection port [13] Screw hole [14] Mounting box

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**PARTS AND FUNCTIONS**

**Mounting**

The installation height is suggested to 145~160cm.

Surface mounted: S1101A/S1102A/S1103A/S1104A

| 1 | 2 | 3 | 4 | 5 |
| --- | --- | --- | --- | --- |
|  | The distance between  the top of main unit  Rainy cover  and rain cover should  be not less than 3mm.  Main unit  Main unit  Rainy cover | AcDbMLeader (ACDB\_MLEADER\_CLASS)  AcDbMLeader (ACDB\_MLEADER\_CLASS) |  |  |

1. Connect the cable correctly.

2. Drill holes in the wall to match the size of ewcr stoppers,then attach the rainy cover and main unit to the wall,and the distance between the top of main unit and rain cover should be not

less than 3mm.

3. Install the name plate.

4. Attach the front panel to the main unit.

5. Use the special screwdriver and the screws to fix the panel.

Flush mounted: S1201A/S1202A/S1203A/S1204A

| 1 | 2 | 3 | 4 | 5 |
| --- | --- | --- | --- | --- |
|  | AcDbMLeader (ACDB\_MLEADER\_CLASS)  AcDbMLeader (ACDB\_MLEADER\_CLASS)  AcDbMLeader (ACDB\_MLEADER\_CLASS) |  |  |  |

1. Drill a hole in the wall to match the size of mounting box,then attach the mounting box to the wall.

2. Loosen the high screws to install the name plate.

3. Connect the cable correctly.

4. Attach the front panel to the mounting box,then use the special screwdriver and the screws to fix the panel.

5. Finish the installation.

∗ The camera angle view of surface mount model may be less than 1700.

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PARTS AND FUNCTIONS Terminal description

|  |
| --- |

|  | | |
| --- | --- | --- |
|  |  |  |

1 2 3

Lock Control Jumper

PIR Motion Detector Connect Port

V

R

21

+

D I

N

P

G

L1 L2 PL S+ SMain Connect Port

Lock Control Jumper: To select the lock type.

Motion Detector Connect Port: To connect external PIR motion detector with DC12V voltage and load up to 350mA..

Main Connect Port: To connect the bus line and the electronic locks.

• L1,L2: Connect to the bus line, no polarity.

• PL: External lock power input, connect to the power positive(power +).

• S+: Lock power(+) output.

• S-: Lock power(-) output, connect to the power(-) input of locks(only when using the door station to power the locks, if using the external power supply for the locks, the S- will not be connected).

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BASIC FUNCTIONS

Unlock Operations

Unlocking of ID Card

When the registered user card has been shown to ID card window, the UNLOCK indicator lights up, the buzzer sounds,and the electric door strike is unlocked.

• If show the authorized user card,the buzzer will sound of beep+,and the UNLOCK indicator will light up.

• If show the unauthorized user card,the buzzer will sound of beep,beep,beep. Fisheye Camera

Please note that this function requires the monitor with fi sheye function to support. The angle view is 1700,visitors in this angle view can be seen clearly and can be zoomed to see individuals up close via indoor monitor with fi sheye function.

Standard

door station angle

S1100A

1700 door camera angle (Wide angle view shown)

Models S1101A / S1102A / S1103A / 1104A are equipped with a lens with 105 ° viewing angle in width Models S1201A / S1202A / S1203A / 1204A are equipped with a lens with 170 ° viewing angle in width..

External Motion Detection

The door station is equipped with a terminal to

connect external motion detector.

If the external motion detector is connected to the system,following functions will be effec tive:

If detect someone passing by, the door station can be activated operation to unlock or turn on light.

IMPORTANT!

12V Motion GND detector PIR

Specifications of the output:

voltage: DC12V

load: up to 350mA

Motion detection is an additional function, that can be controlled and configured from a monitor adapted to its operation. (M1021)

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SETUP INSTRUCTIONS

Functions Setting Up

This section explains the settings of each function,please refer to the following table:

To perform the settings for the function you want,you should move away the metal front panel. Please refer to the sketch map.

Each operation is indicated by the lighting up of the LED indicator on the unit, and by the sounding of the buzzer.

LED\_NAME

RF CARD

LED\_UNLOCK LED\_TALK

KEY\_SET

KEY\_4

KEY\_3

KEY\_2

KEY\_1

| Order | Setting items | Setting range | Default value |
| --- | --- | --- | --- |
| 1 | Setting door station address | 0~3 | 0 |
| 2 | Setting door station  calling mode | Standard/Group calling mode | Standard calling mode |
| 3 | Setting camera resolution | High/Low | High |
| 4 | Setting the unlock mode | 0:opened/1:closed | 0:opened |
| 5 | Setting the unlock time | 01 to 99 seconds | 3 seconds |
| 6 | Setting the nameplate  illumination mode | On/Off/Auto | On |
| 7 | Setting night view LED  illumination mode | On/Off/Auto | Auto |
| 8 | Setting ring-back tone | Ringing one time  Ring continuously  No ring-back tone | Ringing one time |
| 9 | Setting image display mode | Alternate switching mode Zoom mode  Full screen mode | Alternate switching mode |

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SETUP INSTRUCTIONS

Setting Door Station Address

Total 4 addresses can be confi gured. It can be modifi ed either before or after installation. 0 is default, to change the setting, please follow the steps:

ID=0,1st door station ID=1,2nd door station ID=2,3rd door station ID=3,4th door station

In standby mode, press KEY\_SET button once

UNLOCK Indicator:OFF

TALK Indicator:OFFBuzzer Beep+, Beep

Press KEY\_1 button to set the first door station.

UNLOCK Indicator:OFF

TALK Indicator:OFF

Buzzer Beep+

Press KEY\_2 button to set the second door station.

UNLOCK Indicator:OFF

TALK Indicator:OFF

Buzzer Beep,Beep

Press KEY\_3 button to set the third door station.

UNLOCK Indicator:OFF

TALK Indicator:OFF

Buzzer Beep,Beep,Beep

Press KEY\_4 button to set the fourth door station.

UNLOCK Indicator:OFF

TALK Indicator:OFF

Buzzer Beep,Beep,Beep,Beep

• If setting mode has not been exited, you can change the address of door station by pressing KEY1~4 freely.

• The LED\_NAME indicator will always blink until exit out the setting mode.

• If without any operation in 10 seconds, it will exit out setting mode automatically.

• In this step,press KEY\_SET button four times to exit out the setting mode manually.

Setting Door Station Calling Mode

There are two calling modes for door station,Standard calling mode and Group calling mode. Please know that the door station work in Standard calling mode by default.

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SETUP INSTRUCTIONS

Each call button will respond different addresses when set in different calling mode. Refer to the followings for more informations.

1.Standard calling mode(Address range 01-04

|  |
| --- |

| RF CARD |
| --- |

|  |
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|  |
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| RF CARD |
| --- |

|  |
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|  |

by default)

Call buttonA: call the monitor with address 01 by default. Call buttonB: call the monitor with address 02 by default. B

Call buttonC: call the monitor with address 03 by default.

|  | RF CARD |  |
| --- | --- | --- |
|  |
|  |
|  |

A A

|  | RF CARD |  |
| --- | --- | --- |
|  |
|  |
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D

Call buttonD: call the monitor with address 04 by default.

2.Group calling mode

Call buttonA: Call all monitors in group address from

C B A

C

00~15.(one of the monitor should be set to 00)

B

A

Call buttonB,C,D: Call all monitors in group address from 16~31. (one of the monitor should be set to 16)

\* More details about code setting for monitor, please refer to corresponding user manual . To change this setting, please follow the steps:

In standby mode, press KEY\_SET button twice.

UNLOCK Indicator:OFF

TALK Indicator:ON

Buzzer Beep+, Beep

Press KEY\_1 button to activate Standard calling mode for door station.

UNLOCK Indicator:OFF

TALK Indicator:ON

Buzzer Beep+

Press KEY\_1 button again

to activate Group calling

mode for door station.

UNLOCK Indicator:OFF

TALK Indicator:ON

Buzzer Beep, Beep

Press KEY\_1

• If setting mode has not been exited, you can change the calling mode by pressing KEY1 circularly. • The LED\_NAME indicator will blink all the time until exit out the setting mode. • If without any operation in 10 seconds, it will exit out setting mode automatically. • In this step,press KEY\_SET button three times to exit out the setting mode manually.

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SETUP INSTRUCTIONS

Setting Camera Resolution

The resolution of the camera can be adjusted at any time, that means the quality of image on screen can be set to high or low.

High resolution is default, to change the setting, please follow the steps:

In standby mode, press KEY\_SET button twice.

UNLOCK Indicator:OFF TALK Indicator:ON

Buzzer Beep+, Beep

Press KEY\_2 button to set the camera to High resolution.

UNLOCK Indicator:OFF

TALK Indicator:ON

Buzzer Beep+

Press KEY\_2

Press KEY\_2 button again to set the camera to Low resolution.

UNLOCK Indicator:OFF

TALK Indicator:ON

Buzzer Beep, Beep

• If setting mode has not been exited, you can change the camera resolution by pressing KEY2 circularly. • The LED\_NAME indicator will blink all the time until exit out the setting mode. • If without any operation in 10 seconds, it will exit out setting mode automatically. • In this step,press KEY\_SET button three times to exit out the setting mode manually.

Setting Unlock Mode

There are 2 unlock modes, Normally opened and Normally closed . Normally opened is default, to change the setting, please follow the steps:

In standby mode, press KEY\_SET button three times .

UNLOCK Indicator:ON

TALK Indicator:OFF

Buzzer Beep+, Beep

Press KEY\_1 button to set

the unlock mode to

Normally opened .

UNLOCK Indicator:ON

TALK Indicator:OFF

Buzzer Beep+

Press KEY\_1

Press KEY\_1 button again to set the unlock mode to Normally closed .

UNLOCK Indicator:ON

TALK Indicator:OFF

Buzzer Beep, Beep

• If setting mode has not been exited, you can change the unlock mode by pressing KEY1 circularly. • The LED\_NAME indicator will blink all the time until exit out the setting mode.

• If without any operation in 10 seconds, it will exit out setting mode automatically.

• In this step,press KEY\_SET button twice to exit out the setting mode manually.

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SETUP INSTRUCTIONS

Setting Unlock Time

By default, the unlock time is 1s, but it can be changed,the setting range is 1s~99s. Follow the steps:

In standby mode, press KEY\_SET button three times .

UNLOCK Indicator:ON

TALK Indicator:OFF

Buzzer Beep+, Beep

Press and hold on KEY\_2 button. The time you holding on is the new unlock time.

UNLOCK Indicator:ON

TALK Indicator:OFF

Buzzer Beep,Beep......

• When entering time delayed setting, the buzzer sound one time every second.

• The LED\_NAME indicator will blink all the time until exit out the setting mode.

• If without any operation in 10 seconds, it will exit out setting mode automatically. • In this step,press KEY\_SET button twice to exit out the setting mode manually.

Setting Nameplate Illumination Mode

There are 3 illumination modes for nameplate indicator, Normally on ,Normally off and Auto . Normally on is default, to change the setting, please follow the steps:

In standby mode, press KEY\_SET button three times .

UNLOCK Indicator:ON

TALK Indicator:OFF

Buzzer Beep+, Beep

Press KEY\_3 button to set the nameplate illumination mode to Normally on .

UNLOCK Indicator:ON

TALK Indicator:OFF

Buzzer Beep+

Press KEY\_3 button again to set the nameplate illumina tion mode to Normally off .

UNLOCK Indicator:ON

TALK Indicator:OFF

Buzzer Beep, Beep

Press KEY\_3

Press KEY\_3 button again and again to set the nameplate illumination mode to Auto .

UNLOCK Indicator:ON

TALK Indicator:OFF

Buzzer Beep, Beep,Beep

• If setting mode has not been exited, you can change the nameplate illumination mode by pressing KEY3 circularly.

• The LED\_NAME indicator will blink all the time until exit out the setting mode.

• If without any operation in 10 seconds, it will exit out setting mode automatically. • In this step,press KEY\_SET button twice to exit out the setting mode manually.

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SETUP INSTRUCTIONS

Setting Night View LED Illumination Mode

There are 3 working modes for night view LED indicator, Normally on ,Normally off and Auto . Auto is default, to change the setting, please follow the steps:

In standby mode, press KEY\_SET button three times .

UNLOCK Indicator:ON

TALK Indicator:OFF

Buzzer Beep+, Beep

Press KEY\_4 button to set the night view LED mode to Normally on .

UNLOCK Indicator:ON

TALK Indicator:OFF

Buzzer Beep+

Press KEY\_4 button again to set the night view LED mode to Normally off .

UNLOCK Indicator:ON

TALK Indicator:OFF

Buzzer Beep, Beep

Press KEY\_4

Press KEY\_4 button again and again to set the night view LED mode to Auto .

UNLOCK Indicator:ON

TALK Indicator:OFF

Buzzer Beep, Beep,Beep

• If setting mode has not been exited, you can change the night view LED illumination mode by pressing KEY4 circularly.

• The LED\_NAME indicator will blink all the time until exit out the setting mode.

• If without any operation in 10 seconds, it will exit out setting mode automatically.

• In this step,press KEY\_SET button twice to exit out the setting mode manually.

Setting Ring-back Tone

If allow ring-back tone, press the call button to call monitor, a ring-back call tone can be heard from door station.

There are 3 ring-back call tones, Ringing one time ,Ringing continuously and No ring-back tone .

Ringing one time is default, to change the setting, please follow the steps:

In standby mode, press KEY\_SET button four times .

UNLOCK Indicator:ON

TALK Indicator:ON

Buzzer Beep+, Beep

Press KEY\_1 button to set the ring-back call tone ringing one time.

UNLOCK Indicator:ON

TALK Indicator:ON

Buzzer Beep+

Press KEY\_1 button again to set the ring-back call tone ringing continuously.

UNLOCK Indicator:ON

TALK Indicator:ON

Buzzer Beep, Beep

Press KEY\_1

Press KEY\_1 button again and again to close ring-back call tone.

UNLOCK Indicator:ON

TALK Indicator:ON

Buzzer Beep, Beep,Beep

• If setting mode has not been exited, you can change the ring-back tone by pressing KEY1 circularly. • The LED\_NAME indicator will blink all the time until exit out the setting mode.

• If without any operation in 10 seconds, it will exit out setting mode automatically.

• In this step,press KEY\_SET button once to exit out the setting mode manually.

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**SETUP INSTRUCTIONS**

**Setting Image Display Mode**

**Please know that this setting is only effective for monitors which does not support man ual operation for pan-tilt.**

**When the monitor being called**

When door station calls monitor,the image will be displayed on screen,there are 3 modes for im age displayed, **Alternate switching mode**,**Zoom mode** and **Full screen mode**.

**Alternate switching mode:** when the monitor being called, switch at regular time(5s) between **Full screen** and **Zoom** image.

**Zoom mode:** when the monitor being called, the image will besdpilayed on full screen for 5 seconds, then switch to **Zoom** image.

**Full screen mode:** when the monitor being called, the image will be always displayed on **Full screen**.

Alternate switching mode is default, to change the setting, please follow the steps:

In standby mode, press **KEY\_SET** button **four times**.

UNLOCK Indicator:ON

TALK Indicator:ON

Buzzer Beep+, Beep

Press **KEY\_2** button to set the image display mode to **Cycle switching**.

UNLOCK Indicator:ON

TALK Indicator:ON

Buzzer Beep+

Press **KEY\_2** button again to set the image display mode to **Zoom mode**.

UNLOCK Indicator:ON

TALK Indicator:ON

Buzzer Beep, Beep

Press **KEY\_2**

Press **KEY\_2** button again and again to set the image display mode to **Full screen**.

UNLOCK Indicator:ON

TALK Indicator:ON

Buzzer Beep, Beep,Beep

• If setting mode has not been exited, you can change the image display mode by pressing KEY2 circularly. • The **LED\_NAME** indicator will blink all the time until exit out the setting mode.

• If without any operation in 10 seconds, it will exit out setting mode automatically.

• In this step,press **KEY\_SET** button once to exit out the setting mode manually.

**When answering the call**

When answering the call, the image switching reminder can be activated or forbidden.

If set to activated mode, the image switching reminder will be different for different image display mode.

**Alternate switching mode:** When answering the call, image switching reminder is not effective.

**Zoom mode:** When answering the call, the image will be displaydeon **full screen** for 5 sec onds, then switch to **Zoom** image to remind to enter talking status.

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SETUP INSTRUCTIONS

Full screen mode: When answering the call, the image will be displayed on Zoom mode for 5 seconds, then switch to Full screen to remind to enter talking status.

If set to forbidden mode, there is no image switching reminder at any image display mode. Activated is default, to change the setting, please follow the steps:

In standby mode, press KEY\_SET button four times .

UNLOCK Indicator:ON

TALK Indicator:ON

Buzzer Beep+, Beep

Press KEY\_3 button to activate image switching when answering the call.

UNLOCK Indicator:ON

TALK Indicator:ON

Buzzer Beep+

Press KEY\_3 button again

to forbid image switching

when answering the call.

UNLOCK Indicator:ON

TALK Indicator:ON

Buzzer Beep, Beep

Press KEY\_3

• If setting mode has not been exited, you can change the image display mode by pressing KEY3 circularly. • The LED\_NAME indicator will blink all the time until exit out the setting mode.

• If without any operation in 10 seconds, it will exit out setting mode automatically.

• In this step,press KEY\_SET button once to exit out the setting mode manually.

Registering ID Card

• Up to 320 user cards can be registered by the door station.

• Easy management with LED status and sound hints.

• There are two master cards, one MASTER CARD ADD card

and one MASTER CARD DELETE card, When registered new

master cards, the old master cards are invalid automatically.

• Card reading distance is less than 3cm.

• The master cards are necessary when you add or delete user

cards. Please keep it well for future use.

• EM card, 125kHz.

Authorizing master cards:

By default,there are two master cards marked MASTER CARD ADD and MASTER CARD DELETE ,but you should know that the master card can be authorized by users at any time. That means any two user cards can be authorized to master cards,When registered new master cards, the old master cards will be invalid automatically.

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SETUP INSTRUCTIONS

When power on in 10s,press and hold on KEY\_SET button for 3s.

UNLOCK Indicator:OFF

TALK Indicator:OFF

Buzzer Beep+, Beep

Press KEY\_2 button.

UNLOCK Indicator:Blink one time TALK Indicator:OFF

Buzzer Beep+

Show the first card to ID card window, set the card of MASTER CARD ADD .

UNLOCK Indicator:Blink two times TALK Indicator:OFF

Buzzer Beep,Beep

Show the second card to ID card window, set the card of MASTER CARD DELETE .

UNLOCK Indicator:Blink three times TALK Indicator:OFF

Buzzer Beep,Beep,Beep

• The LED\_NAME indicator will always blink until exit out the master card authorized mode. • If without any operation in 10 seconds, it will exit out setting mode automatically.

• It will exit out setting mode automatically after showing these two cards,the UNLOCK&TALK indicator will be turned off.

Switching Access Control:

The access can be controlled by door station or DT-ACC,so it’s available to switch the access function.

Show the master card of

MASTER CARD DELETE

again to switch as a door

station access control.

UNLOCK Indicator:OFF

TALK Indicator:OFF

Show the master card of MASTER CARD ADD to ID card window in standby.

UNLOCK Indicator:OFF

TALK Indicator:ON

Buzzer Beep+, Beep

Show the master card of MASTER CARD DELETE to ID card window.

UNLOCK Indicator:ON

TALK Indicator:ON

Buzzer Beep+, Beep

Buzzer Beep+

Show the master card of MASTER CARD DELETE again to switch to DT-ACC controlled.

UNLOCK Indicator:OFF

TALK Indicator:OFF

Buzzer Beep+,Beep

• If without any operation in 10 seconds, it will exit out setting mode automatically. • If current access is controlled by door station, next access switching setting is controlled by DT-ACC.

Adding User Cards:

Show the master card of MASTER CARD ADD to ID card window in standby.

UNLOCK Indicator:OFF

TALK Indicator:ON

Buzzer Beep+, Beep

Show user cards to be added in sequence.

UNLOCK Indicator:OFF TALK Indicator:Blink one time

Buzzer Beep+

Show the master card of MASTER CARD ADD again to exit.

UNLOCK Indicator:OFF

TALK Indicator:OFF

Buzzer Beep, Beep+

• If without any operation in 10 seconds, it will exit out setting mode automatically. • To add user card, the access must be controlled by door station.

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SETUP INSTRUCTIONS Deleting User Cards:

Show the master card of MASTER CARD DELETE to ID card window in standby.

UNLOCK Indicator:ON

TALK Indicator:OFF

Buzzer Beep+, Beep

Show user cards to be deleted in sequence.

UNLOCK Indicator:Blink one time TALK Indicator:OFF

Buzzer Beep+

Show the master card of MASTER CARD DELETE again to exit.

UNLOCK Indicator:OFF

TALK Indicator:OFF

Buzzer Beep, Beep+

• .If without any operation in 10 seconds, it will exit out setting mode automatically. • To add user card, the access must be controlled by door station.

Initializing Access (delete all user cards):

Show the master card of MASTER CARD DELETE to ID card window in standby.

UNLOCK Indicator:ON

TALK Indicator:OFF

Buzzer Beep+, Beep

Show the master card of MASTER CARD ADD to ID card window.

UNLOCK Indicator:ON

TALK Indicator:ON

Buzzer Beep+, Beep

Show the master card of MASTER CARD ADD again, format is activated.

UNLOCK Indicator:Blink for some time TALK Indicator:Blink for some time

Buzzer Beep

• If without any operation in 10 seconds, it will exit out setting mode automatically.

• To add user card, the access must be controlled by door station.

• At step3, the UNLOCK & TALK indicator will blink all time until formatting is fi nished.

• When formatting is fi nished, UNLOCK & TALK indicator will be turned off and sound “ Beep+ ”, and exit out setting mode automatically.

Reset - return to the factory settings

- Turn off the power to the door station.

- Turn on the power supply within a max. of 5 seconds press the SET button for 3 seconds - go in setting mode. - Press the SET button briefly.

- Press KEY 3 briefly, all LEDs light up, wait for15 seconds, the door station will remain reset after this time.-16-

WIRING

Connecting Electric Lock

Door Lock Controlled with Internal Power

1.Electronic lock of Power-on-to-unlock type should be used.

2.The door lock is limited to 12V, and hold ing current must be less than 250mA.

3.The jumper should be placed on position 2 and 3 before connecting.

4.The door lock control is not timed from Exit Button(EB).

5.The Unlock Mode must be set to 0 (by default).

Door Lock Controlled with Dry Contact

1.The external power supply must be used according to the lock.

2.The inside relay contact is restricted to 230Vac 1A or 24Vdc 1A.

3.The jumper must be taken off before

connecting.

4.Setup the Unlock Mode according to different lock types.

• Power-on-to-unlock type:Unlock

Mode=0 (by default)

• Power-off-to-unlock type:Unlock

Mode=1

B5 relay actuator is needed for 2nd lock connection.

1 2 3

Jumper position on 2&3

L1 L2 PL S+ S

|  |
| --- |

\* EB

LOCK

1 2 3

Take off the jumper

L1 L2 PL S+ S

|  |
| --- |

POWER

SUPPLY

LOCK

1 2 3

Take off the jumper

L1 L2 PL S+ S

|  |
| --- |

POWER

SUPPLY

MAGLOCK

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WIRING

Connecting Basic One-to-one Code=00, DIP6=on

ID=0

AC~

100~240VAC

|  |  |  |  |  |
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BUS(IM) BUS(DS)

RF CARD

L1 L2 PL S+ S

L2

DIP Switches ON DIP

1 2 3 4 5 6

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• The door station work in Standard mode in this situation. Refer to Page 9 in detail. • The door station is also compatible with other monitors which are provided by our company.

Connecting Multi Door Stations with module M-SM4

1st door station ID=0

2nd door station ID=1

3rd door station ID=2

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|  | RF CARD |  |  |  |
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4th door station ID=3

Code=00, DIP6=on

RF CARD RF CARD RF CARD L1 L2 PL S+ S- L1 L2 PL S+ S- L1 L2 PL S+ S- L1 L2 PL S+ S

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AC~

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100~240VAC

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BUS(IM) BUS(DS)

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~~A B C D M-SM4~~

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OFF

ON

Impedance switch

• Max.4 door stations can be connected to the system.

If more than one door station is connected to one house, each should have a different

•

address 0, 1, 2, or 3. Refer to Page 8 for more details about the address setting of door stations.-18-

WIRING

Connecting Multi Monitors

Basic IN-OUT Wiring in Standard Mode

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AC~

100~240VAC

~~P26/40~~

BUS(IM) BUS(DS)

Code=3, DIP6=on Code=2, DIP6=off Code=1, DIP6=off Code=0, DIP6=off

**Setting the address of monitors for:**

**1. door station for one and two houses**

**First house**

- the first monitor must have the address **0**, another monitors from **1** to **12**. In this we will get the addressed intercom.

We can install in one house up to 13 monitors. - set the same address **0** at all monitors. First as MASTER, another 3 monitors as SLAVE 1, 2, 3. In this way we will get the internal unaddressed intercom

**Second house**

- the first monitor must have the address **16**, another set from **17** to **28**. In this we will get the addressed intercom.

We can install in one house up to 13 monitors. - set the same address **16** to all monitors. First set at MASTER, another 3 monitors on

SLAVE 1, 2, 3. In this way we will get internal unaddressed intercom.

**2. door station for three and four houses** First house- address 01

Second house - address 02

Third house - address 03

Fourth house - address 04

Set the same address for all monitors in one house. First as MASTER, further on SLAVE 1, 2 or 3

For the last monitor connected to the

system, DIP6 should set to ON.

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ID=0

-19-

**WIRING**

**Star Topology Wiring With M-SM4 in Standard Mode** Code=0，DIP6=on C o d e = 1 ，DIP6=on

Impedance OFF ON switch

***A***

M

***B***

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S

M

***C***

4

***D***

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Code=2，DIP6=on C o d e = 3 ，DIP6=on

*AC~*

100~240VAC

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| P26/40 | | | | | |
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| M-3F |
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B5 M-SM4

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BUS(IM) BUS(DS)

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|  | RF CARD |
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Optional functional module

M-3F: bus amplifier module

B5: staircase light controller module

M-SM4: 4 inputs branch distributor

ID=0

• The door station is also compatible with other monitors which are provided by our company.

• It can be extended 3 slave monitors for each monitor.(Better use with extra ds tiributor for the extension)

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APPENDIX

Precautions

• Please clean the unit with soft cotton cloth, don't use the organic impregnant or chemical clean agent. If necessary, please use a little pure water or dilute soap water to clean the dust.

• The unit is weather resistant. However do not spray high pressure water on access control keypad directly. Excessive moisture may cause problems with the unit.

• You must use the right adaptor which is supplied by the manufacture or approved by the manufacture.

• Pay attention to the high voltage inside the products, please refer service only to a trained and qualifi ed professional.

Specification

**Seria S1100 Seria S1200**

Power supply: DC 24V

Power consumption: Standby 0.8W; Working 3W

Pixel

The angle of view of the lens

| 600TVL |
| --- |
| 105˚ |

2.0 Mega 170˚

Lock Power supply: 12Vdc, 280mA(Internal Power); Number of relay circuits: 2(the second lock need external device to support)

| Surface |
| --- |

Mounting: wall-mount / fl ush mount

Working temperature:

-20ºC ~ +55ºC

Protection: IP54

| Zinc alloy panel |
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Material: Stainless steel panelWiring: 2 wires, non-polarity Dimension: 176(H)×90(W)×27(D)mm 220(H)×119(W)×52(D)mm

-21-

APPENDIX

Cables and Requirments

The maximum distance of the wiring is limited in the system, we recommend using twisted cable type YTKSY

Basic IN-OUT Wiring Mode

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-22-

Cable and distance(unit:m)

| Cable Usage | A | B  ≤2 IM | B  ≤16 IM |
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| Twisted cable 2x0.75mm2 | 60 | 100 | 40 |
| Twisted cable 2x1mm2 | 80 | 120 | 60 |

APPENDIX

Star Topology Wiring Mode With M-SM4

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-23-

Cable and distance(unit:m)

| Cable Usage | A | B | C |
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| Twisted cable 2x0.75mm2 | 60 | 60 | 30 |
| Twisted cable 2x1mm2 | 80 | 80 | 40 |

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Product name: DOOR STATION

**WARRANTY CARD**

S1101A S1102A S1103A S1104A S1201A S1202A S1203A S1204A

.......................................................................... *Date of sale*

*Seller’s seal and signature*

1. Wena Company shall grant a warranty for the purchase of your product for a period of 24 months from the date of its purchase as shown on the present Warranty Card and the purchase document. 2. Product defects found during the warranty period shall be repaired free of charge within 21 working days from the date of acceptance of your product at the service centre.

3. The user has the right to replace the product with a new one if;

> four major repairs have been conducted during the warranty period and the product is still defective; > when it is established that an unrecoverable defect has occurred. When replacing the product with a new one, the equivalent of items (including packaging) which are missing or damaged by the user as well as the cost of their replacement shall be deducted.

4. The user shall deliver the defective product at its own expense to the service centre. 5. The warranty shall not cover the deterioration of the product quality caused by standard wear and tear and in the following cases:

> the product has been used improperly or inconsistently with the product operating instructions; > the product has been used or left in improper conditions (excessive humidity, too high or low temperature, sunlight, etc.), maintenance and operational condition which are different from the ones specified in the product operating instructions;

> mechanical, chemical and thermal damage;

> damage caused by external forces, e.g. overvoltage in the electrical network, atmospheric discharges, flood, fire;

> damage resulting from improper installation, improper storage of the device or repairs conducted by any unauthorised persons;

> damage due to incorrect voltage connection.

6. The guarantee shall cease to be valid as a result:

> breakage or damage of warranty seals;

> connection of additional equipment, other equipment than the one recommended by the product manufacturer;

> modifications and structural changes to the product and repairs conducted beyond the Wena service centre;

> the Guarantee Card or serial number have been changed, blurred or obliterated. 7. The Guarantee Card shall be valid only with the entered date of sale confirmed by the seller's seal and signature.

8. The condition to perform repair works is to deliver the Product with the Warranty Card and the proof of purchase.

9. Service Centre:

Firma Handlowa Wena

Al. Jerozolimskie 311 ,

05 - 816 Reguły / near Warsaw

Poland

tel. +48 228 370 286; +48 228 174 003

e-mail: biuro@vidos.pl

www.vidos.pl

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Firma Handlowa Wena

Al. Jerozolimskie 311

05-816 Reguły/ near Warsaw Poland

tel. +48 228 370 286; +48 228 174 008 e-mail: biuro@vidos.pl

www.vidos.pl