

2 WIRE SYSTEM

FVQ-6040APP KIT & FVQ-6040 KIT

VIDEO DOOR PHONE SYSTEM

INSTALLER MANUAL



FVQ-6022



FVQ-6013v2/9013v2 WIFI

Please read the manual carefully before using the product.

Please note that images and sketches in this manual may be different from the actual products

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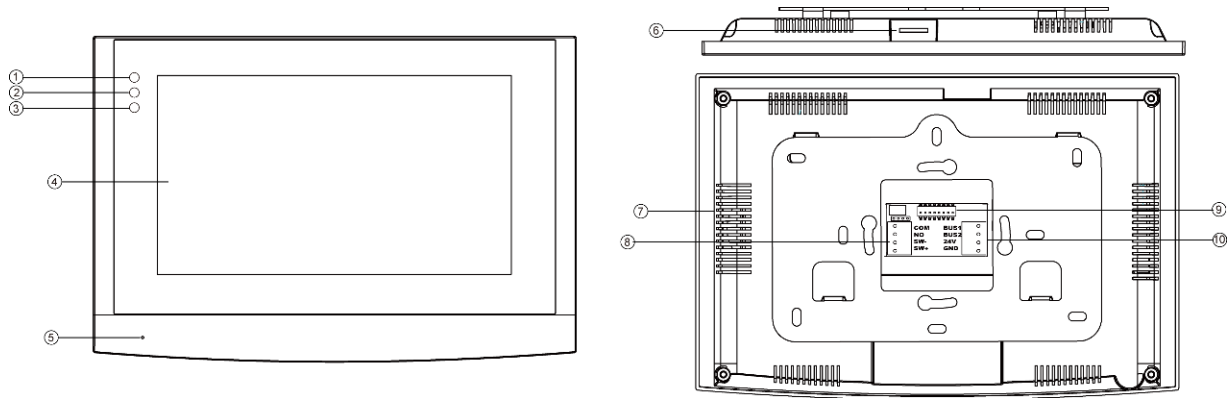
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Monitor Description



NO	Name	Description
1	Power Indicator	White LED when power on
2	Message Indicator	Green LED when you have missed calls
3	Do Not Disturb	Purple LED when function is enabled
4	Screen	7 Inch Digital TFT LCD
5	Microphone	
6	Micro SD Card Slot	micro SD card input
7	Speaker	
8	Switch	Bit 1- Bit 5 – Home address Bit 6 – Bit 7 – Master and slave selection Bit 8 – Impedance Switch
9 & 10	Connection Point	BUS1&BUS2 – System connection bus 24V & GND – External Power supply (Not needed) COM & NO – Connector for external speaker SW+ & SW- : Connector for external door bell

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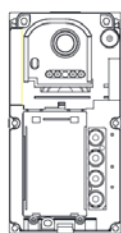
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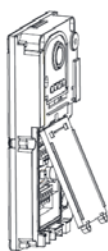
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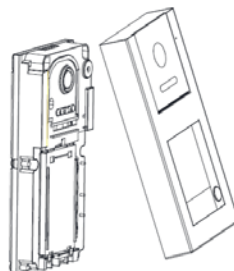
Door Station Description



middle cover



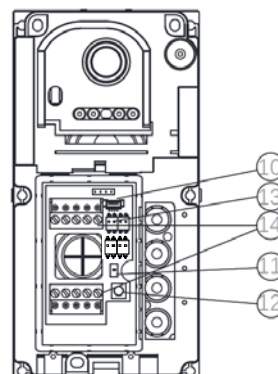
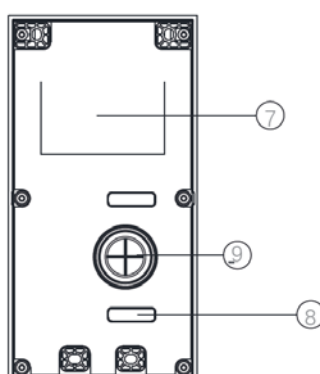
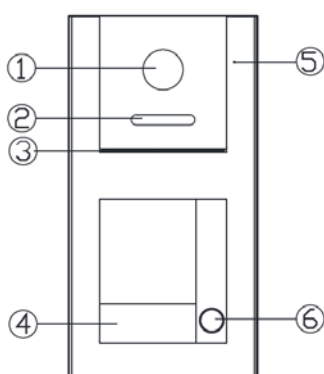
middle cover



front cover



back cover



NO	Name
1	Camera
2	LED Lights
3	Speaker
4	Name plate
5	Microphone
6	Push button
7	Weatherproof foam cover
8	Testing point
9	Waterproof rubber
10	ID Card plug
11	Reset ID card settings
12	Volume Adjustment
13	Dip Switch for Address, unlock, ringtone
14	Connection for bus, lock, exit button

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Door Station programming

Address of Door station

This is controlled by dip switch 1 & 2

Type	Dip Switch Setting
Door 1	
Door 2	
Door 3	
Door 4	

Exit Button Control

Type	Dip Switch Setting
Both Lock 1 & Lock 2	
Lock 1	
Lock 2	

Ring Alert

Type	Dip Switch Setting
Ringtone Disabled	
Ringtone Enabled	

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Addressing the monitors (When using more than one monitor):

This is controlled by dip switch 6 & 7 on the back of the monitor

Type	Dip Switch Setting
Master Monitor	
Slave Monitor 1	
Slave Monitor 2	
Slave Monitor 3	

Impedance Switch

Only turn to the on position when the monitor is the end of line. This is controlled by dip switch 8 on the back of the monitor.

Type	Dip Switch Setting
Impedance Off	
Impedance On	

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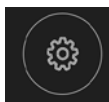
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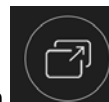
Viewing Multiple Door Stations On The Monitor

When using multiple door station you need to activate the door station to view on the monitors.



Click on the settings icon

than click on the enable/disable door view icon



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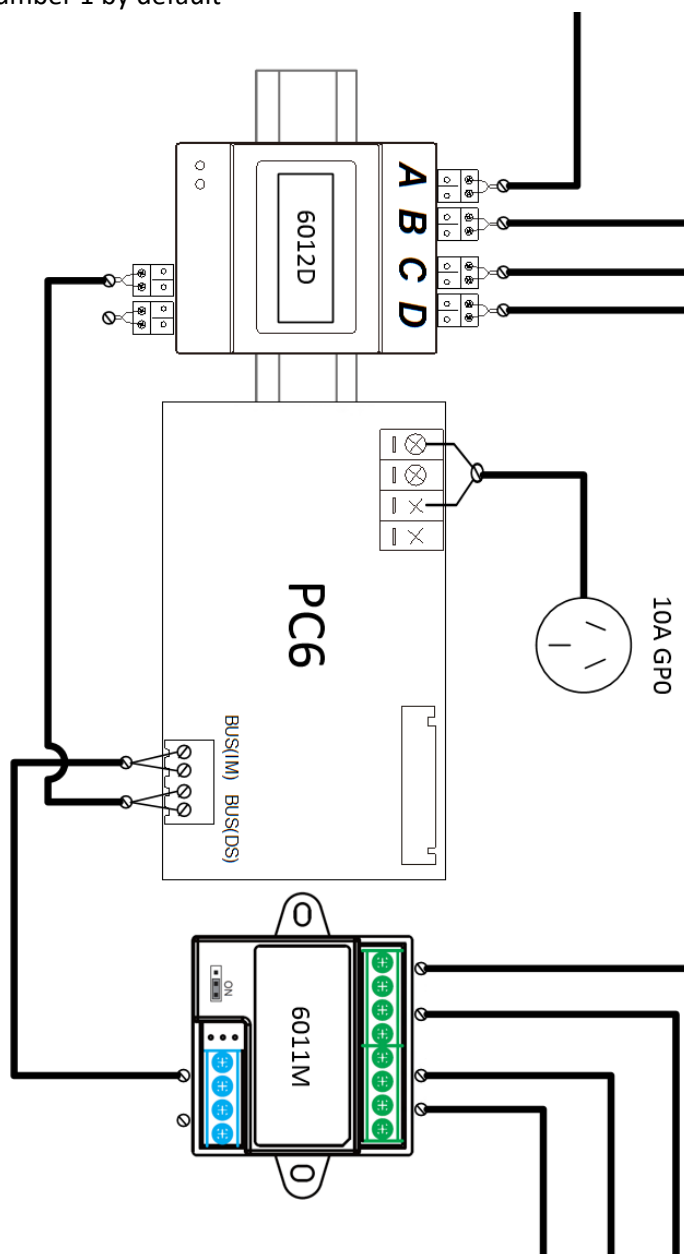
Wiring Diagrams

Notes:

When using more than 1 door station you require a 4 branch Door station module FVQ-6012D

When using more than 1 monitor in star configuration you require a 4 branch monitor module FVQ-6011M

Door Station is addressed as number 1 by default



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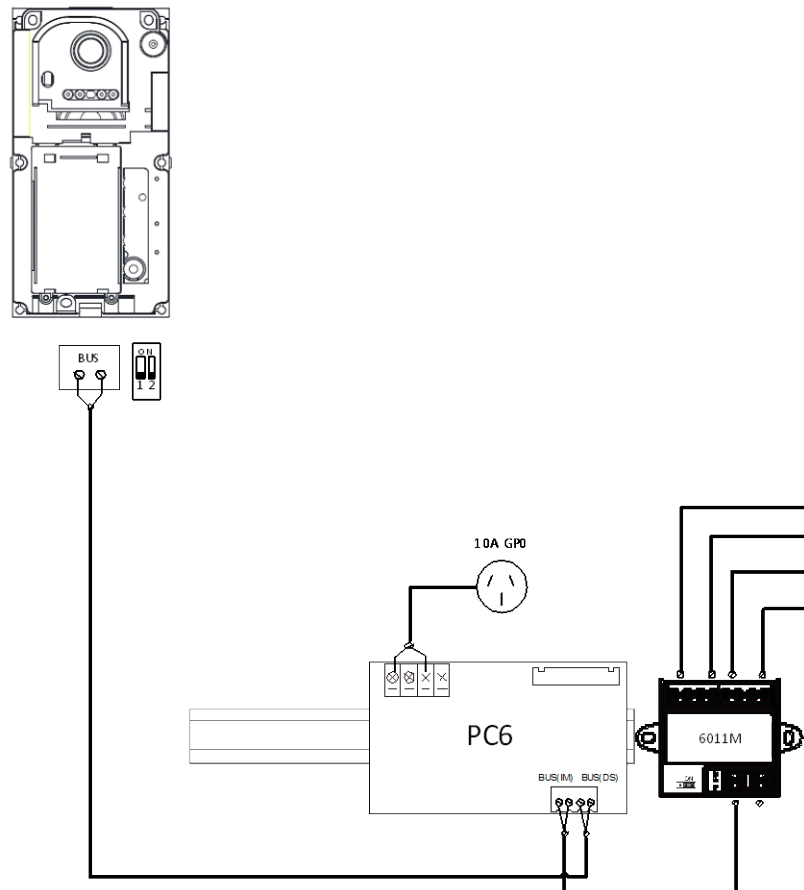
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1 Door Station to 4 Monitors (Star Configuration)

FRONT DOOR STATION #1



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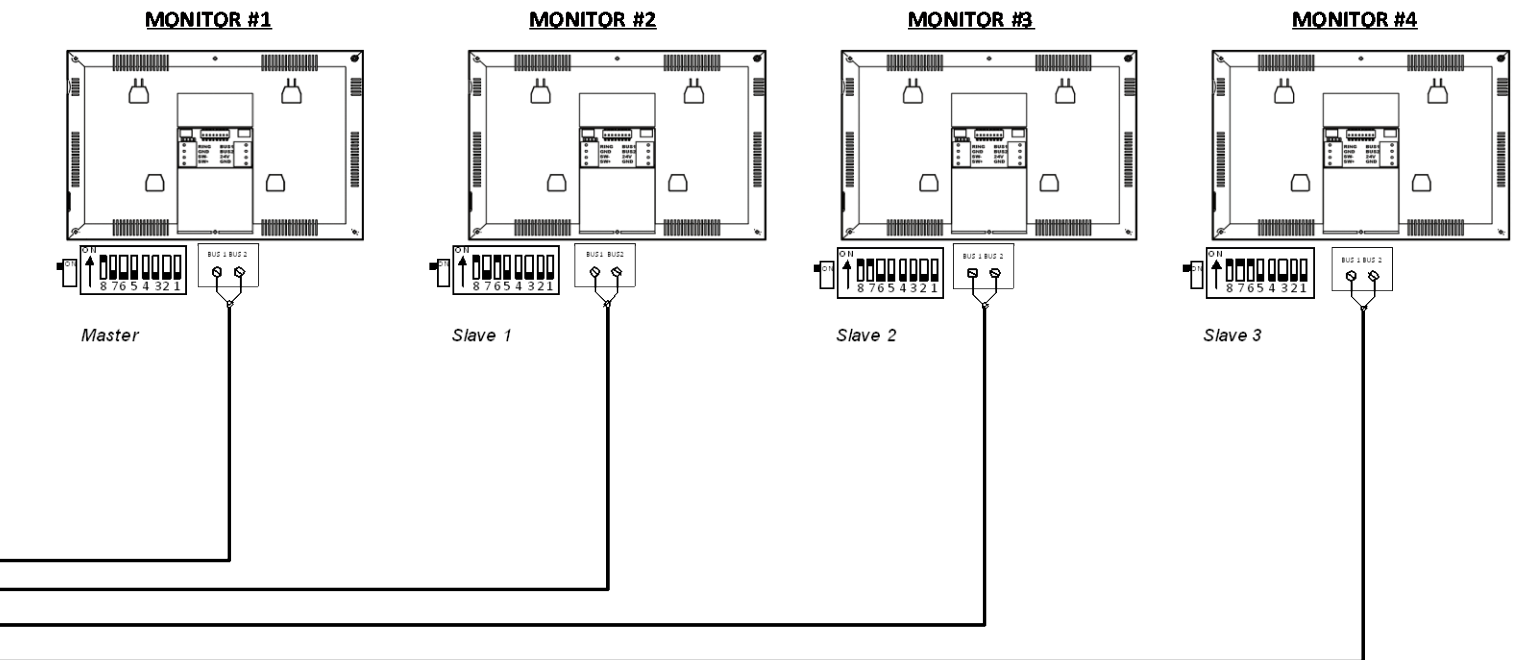
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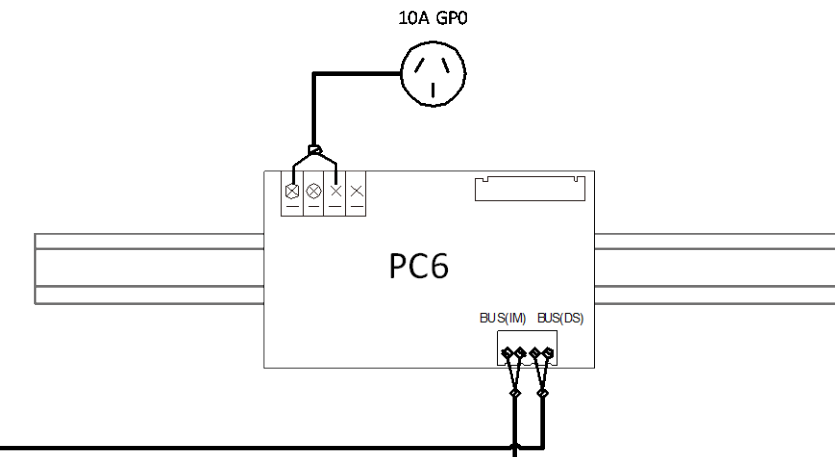
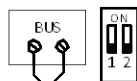
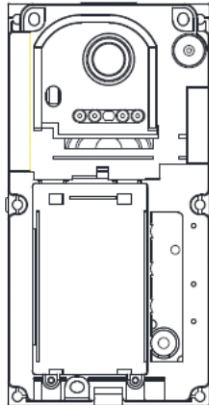
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1 Door Station to 3 Monitors (Series)

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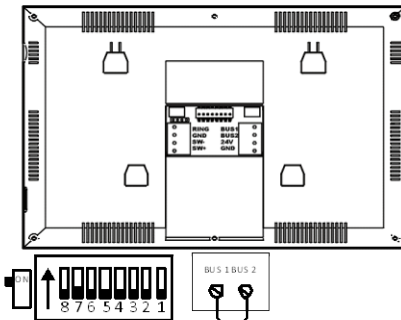
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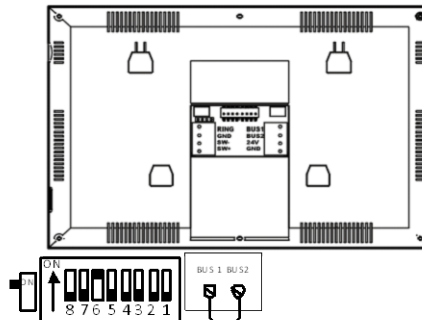
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MONITOR #1



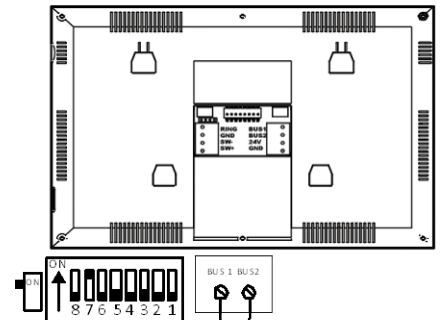
Master

MONITOR #2



Slave 1

MONITOR #3



Slave 2

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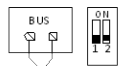
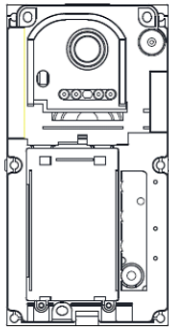
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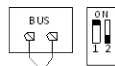
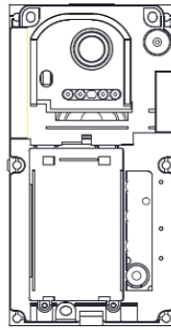
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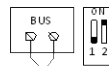
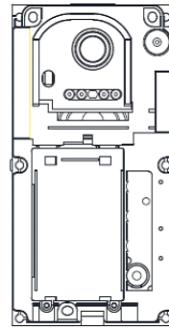
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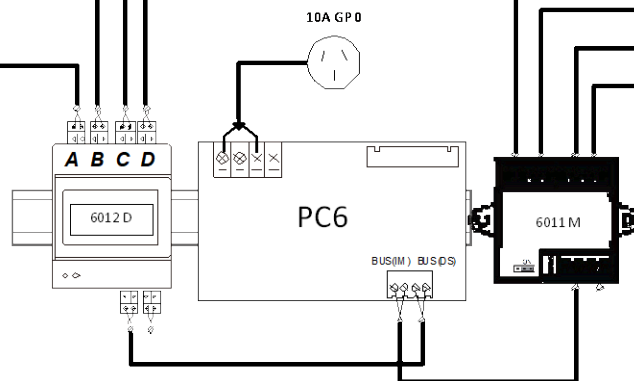
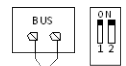
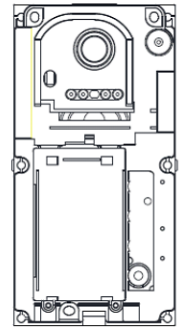
FRONT DOOR STATION #2



FRONT DOOR STATION #3



FRONT DOOR STATION #4



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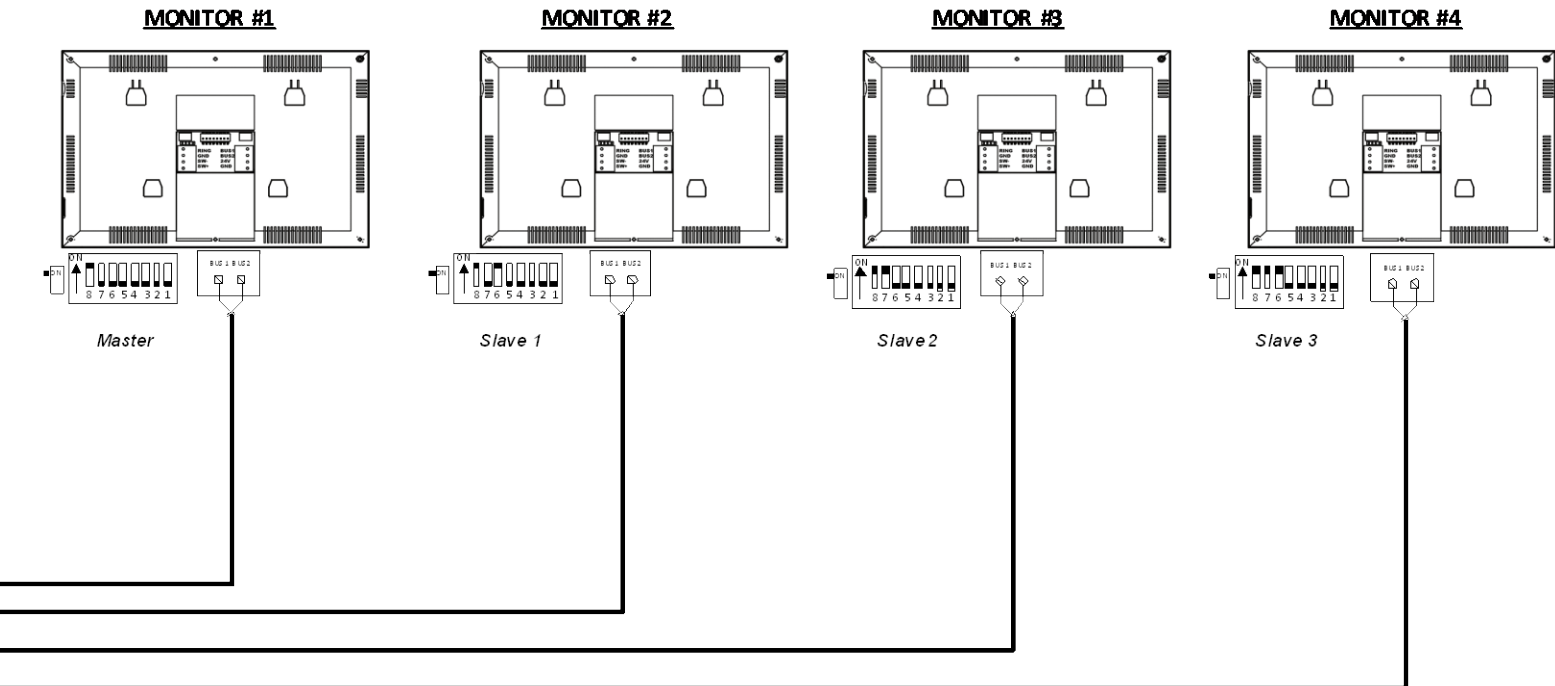
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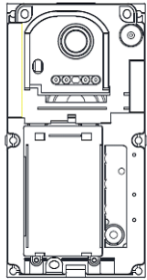
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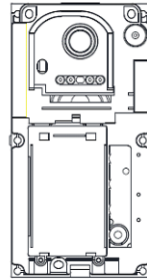
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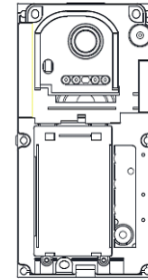
FRONT DOOR STATION #1



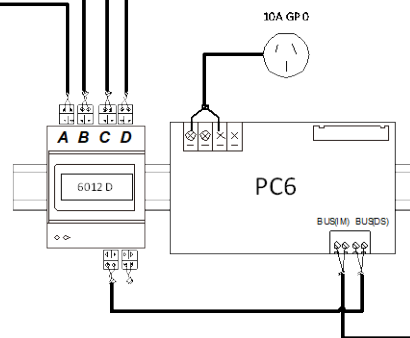
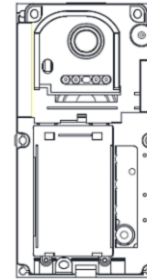
FRONT DOOR STATION #2



FRONT DOOR STATION #3



FRONT DOOR STATION #4



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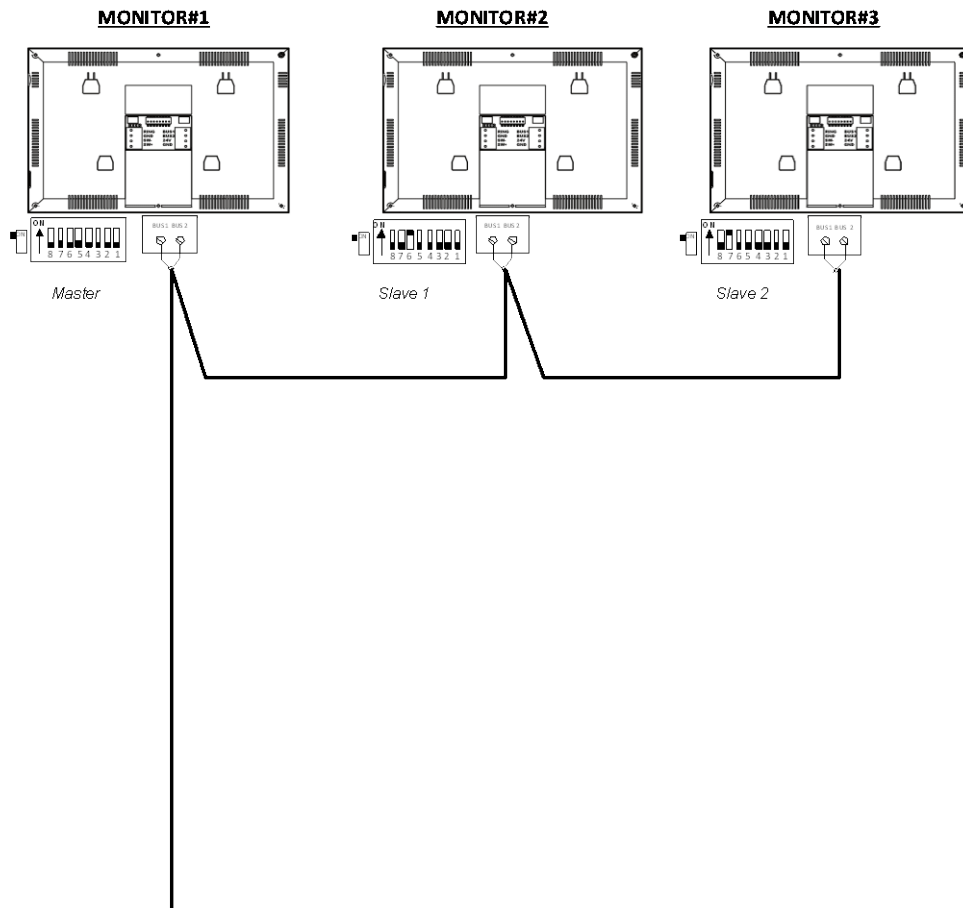
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Lock Wiring

The system has 2 Locks

- Lock 1 – 12 VDC (250mA) Output on exit or door release
 - o **Lock 1 is only power to unlock**
- Lock 2 – Dry Collector Normally Open

The Exit button can be configured in 2 modes (Default is Lock 1)

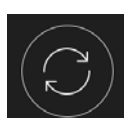
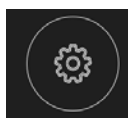
- Only Lock 1 (**DEFAULT MODE**)
- Only Lock 2

Exit Button Control

Type	Dip Switch Setting
Lock 1	
Lock 2	

Enable or Disable Lock

To disable the lock button on the Monitor and the App you have the following codes.



In the settings menu click on the default button than click 3 times in the top left corner and then type the corresponding code.

Door Station	Lock 1 (Enable)	Lock 1 (Disable)	Lock 2 (Enable)	Lock 2 (Disable)
DS 1	2051	2050	2001	2000
DS 2	2061	2060	2011	2010
DS 3	2071	2070	2021	2020
DS 4	2081	2080	2031	2030

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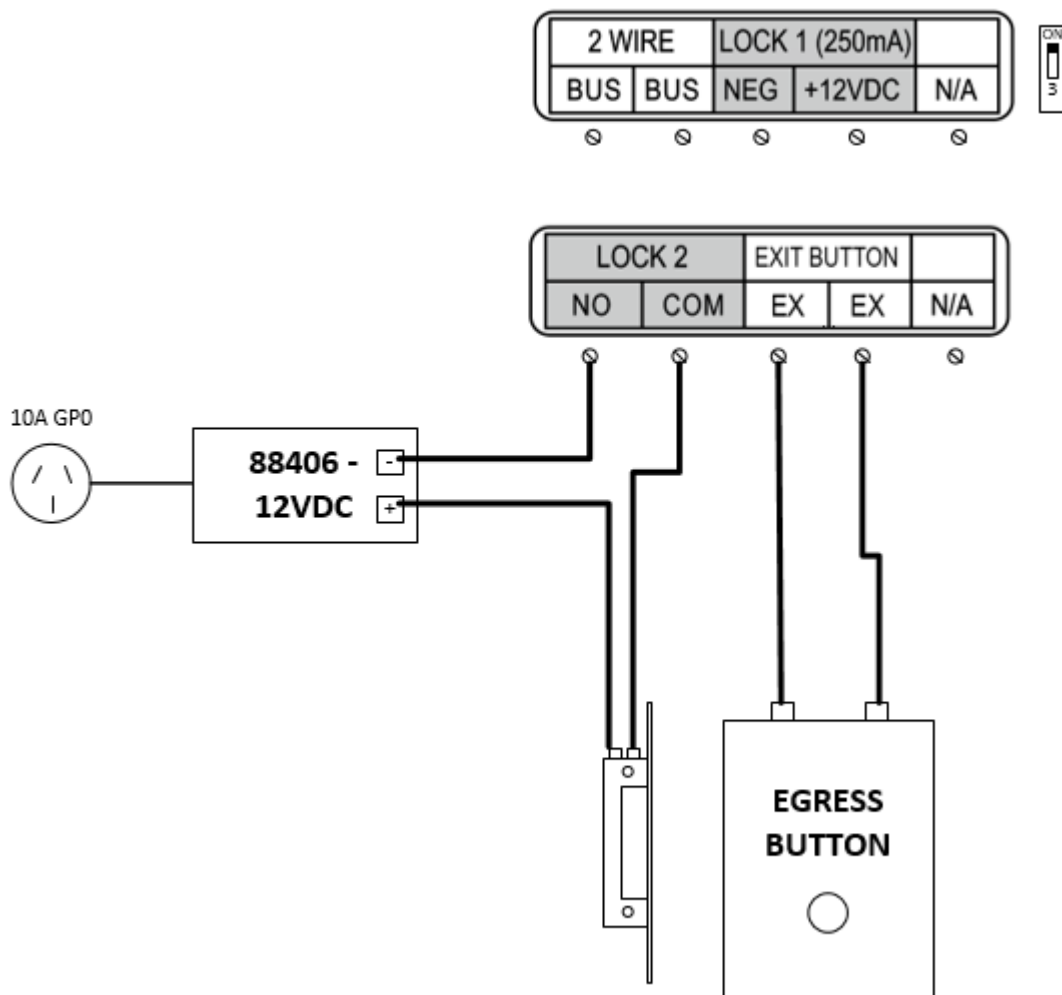
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wa@fermaxaus.com.au

NZ OFFICE

(09) 337 6229
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	Power to Unlock	Power to Lock
Lock 1		N/A
Lock 2	✓	N/A

	Exit Button To Open
Lock 1	
Lock 2	✓



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VIC OFFICE

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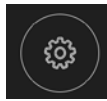
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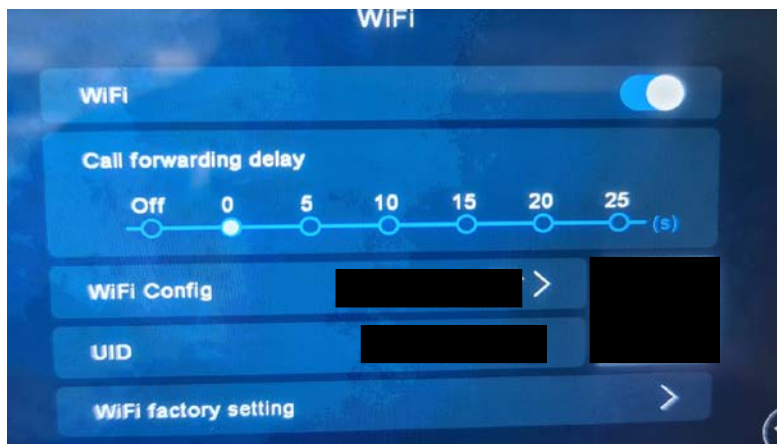
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Wi-Fi Configuration



1. Go to Settings then click on the Wifi Symbol
2. Click on the arrow next to WiFi Config



3. Click on the 2.4Ghz network you wish to connect to – Enter the password



4. Download the Smart phone application called Fermvision WiFi
5. Monitor will show connected on the WiFi Config and also show the signal strength



6. Join your Smart phone to the same network as the Monitor
7. In the App press the plus in the top right hand corner
8. Click device already added to network
9. Name the Device

For latest up to date instructions please visit <https://shop.fermaxaus.com.au/support-videos/>

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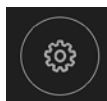
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Adding RTSP Cameras



1. Go to Settings then click on the CCTV Symbol
2. Click on RTSP
3. Click on the plus symbol
4. Enter all the details

IPC Config

Device Name

URL

eg: rtsp://192.168.100.106:554/unicast/c1/s1/live

User

Password

Adding 8 Fermvision cameras that are connected using the plug and play ports of a Fermvision NVR with IP



address 192.168.100.106 (Note can use copy feature to speed up process)

Channel 1	rtsp://192.168.100.106:554/unicast/c1/s1/live
Channel 2	rtsp://192.168.100.106:554/unicast/c2/s1/live
Channel 3	rtsp://192.168.100.106:554/unicast/c3/s1/live
Channel 4	rtsp://192.168.100.106:554/unicast/c4/s1/live
Channel 5	rtsp://192.168.100.106:554/unicast/c5/s1/live
Channel 6	rtsp://192.168.100.106:554/unicast/c6/s1/live
Channel 7	rtsp://192.168.100.106:554/unicast/c7/s1/live
Channel 8	rtsp://192.168.100.106:554/unicast/c8/s1/live



5. To view the cameras you can click on the auto-on screen and then to bring up the camera image
6. Within the app go to settings then advanced settings and then shortcut settings to enable shortcut views.

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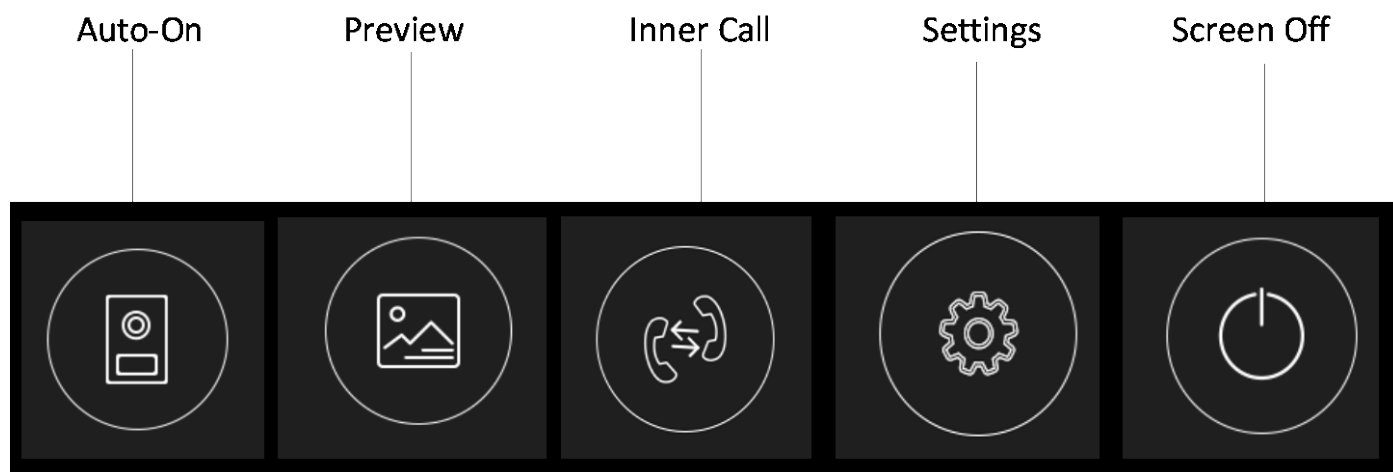
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Monitor Main Menu



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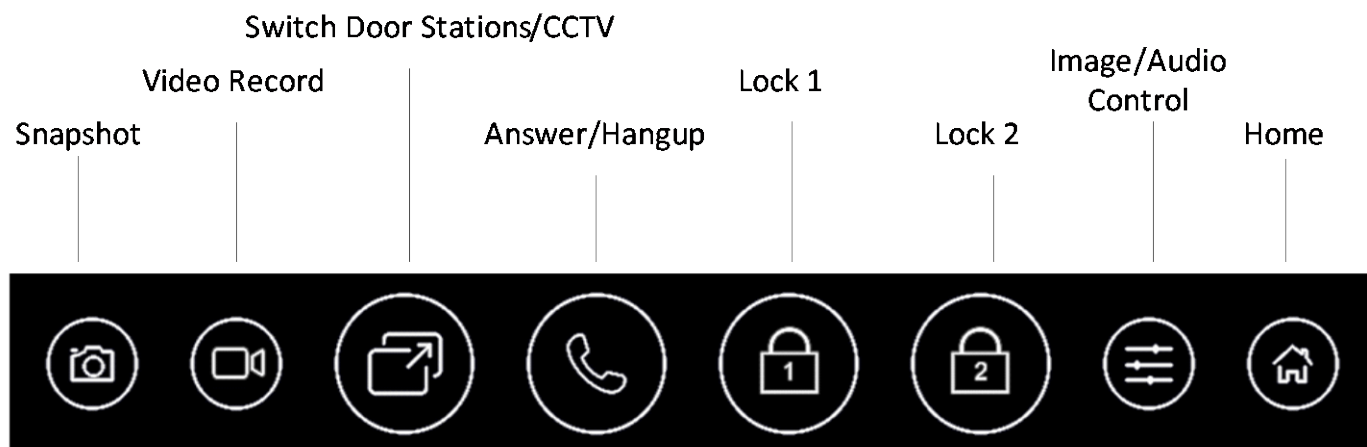
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During a call



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Notes

- Slots or openings in the back of the monitor are provided for ventilation and to ensure reliable operation of the video monitor or equipment and to protect it from overheating. These openings must not be blocked or covered.
- All parts should be protected from violence vibration. Impact protection and not to be dropped or knocked.
- To clean the LCD screen, using hands or a wet cloth is forbidden
- To clean the equipment use a soft cotton cloth. No organic or chemical detergent.
- Image distortion may occur if the video door phone is mounted too close to magnetic fields, e.g. microwaves, TV, fridges.
- Please keep away the video door monitor from wet, high temperature, dust, and caustic and oxidation gas in order to avoid any unpredictable damage.
- If devices are installed too close together noise interference can occur
- Do not open the device if you are unsure of causing damage.

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