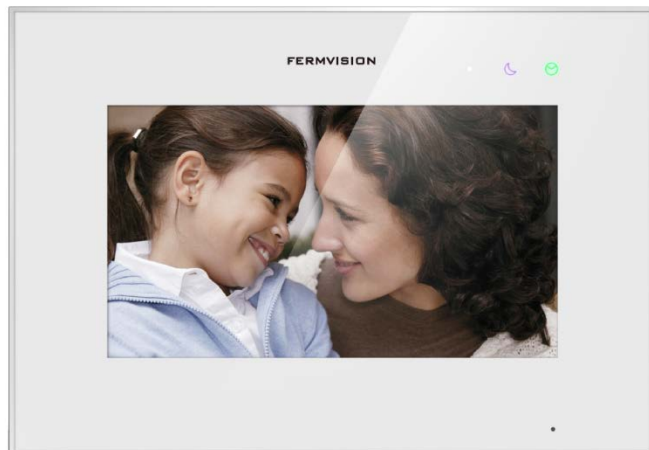# 2 WIRE SYSTEM

FVQ-6040APP KIT
&
FVQ-6040 KIT

VIDEO DOOR PHONE SYSTEM

INSTALLER MANUAL

FVQ-6022   FVQ-6013/9013WIFI

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

![header logos]

Audio, Video and IP Intercom Systems | Bespoke Door Stations | Access Control | Sound Distribution |
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Contents

Monitor Description

NO	Name	Description
1	Micro SD	Socket for Micro SD
2	Power Indicator	White LED when power on
3	Do Not Disturb	Purple LED when function is enabled
4	Message Indicator	Green LED when you have missed calls
5	Microphone	
6	Screen	7 Inch Digital TFT LCD
7	Switch	Bit 1- Bit 5 – Home address Bit 6 – Bit 7 – Master and slave selection
8	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
9	Speaker	

Door Station Description

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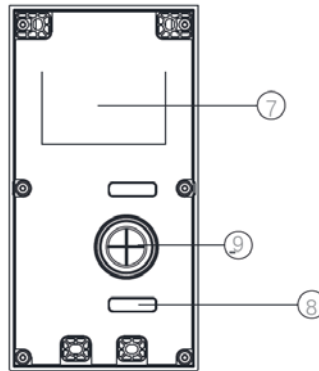
NO	Name
1	Camera
2	LED Lights
3	Speaker
4	Name plate
5	Microphone
6	Push button
7	Weatherproof foam cover
8	Testing point
9	Waterproof rubber
10	ID Card plug
11	Reset ID card settings
12	Volume Adjustment
13	Dip Switch for Address, unlock, ringtone
14	Connection for bus, lock, exit button

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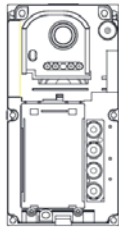(03) 9314 2220
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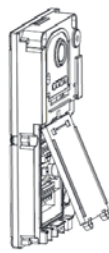
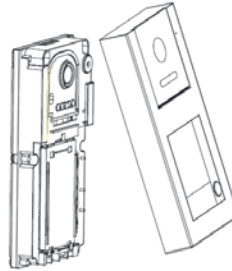**WA OFFICE**
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Door Station programming

Address of Door station
This is controlled by dip switch 1 & 2

Type	Dip Switch Setting
Door 1	ON ■ ■ 1 2
Door 2	ON ■ □ 1 2
Door 3	ON □ ■ 1 2
Door 4	ON □ □ 1 2

Exit Button Control

Type	Dip Switch Setting
Lock 1	ON ■ 3
Lock 2	ON □ 3

Ring Alert

Type	Dip Switch Setting
Ringtone Disabled	ON □ 4
Ringtone Enabled	ON ■ 4

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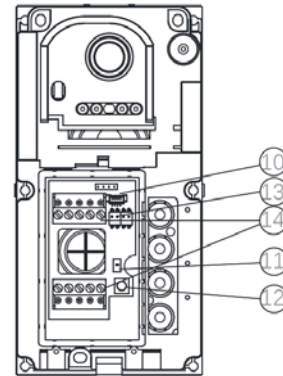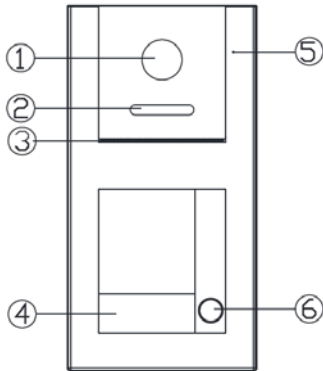FERMAX   FERMVISION   CROW   EGi   ezviz   Guardall
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Addressing the monitors (When using more than one monitor):

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

Type	Dip Switch Setting
Master Monitor	ON 6 7
Slave Monitor 1	ON 6 7
Slave Monitor 2	ON 6 7
Slave Monitor 3	ON 6 7

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	ON 8
Impedance On	ON 8

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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.

Using the settings menu on each individual monitor type in the following code depending how many door station you have. (Default 4 Door Stations)

Door Station	Code (On)	Code (Off)
DS 1	0111	0110
DS 2	0131	0130
DS 3	0151	0150
DS 4	0171	0170

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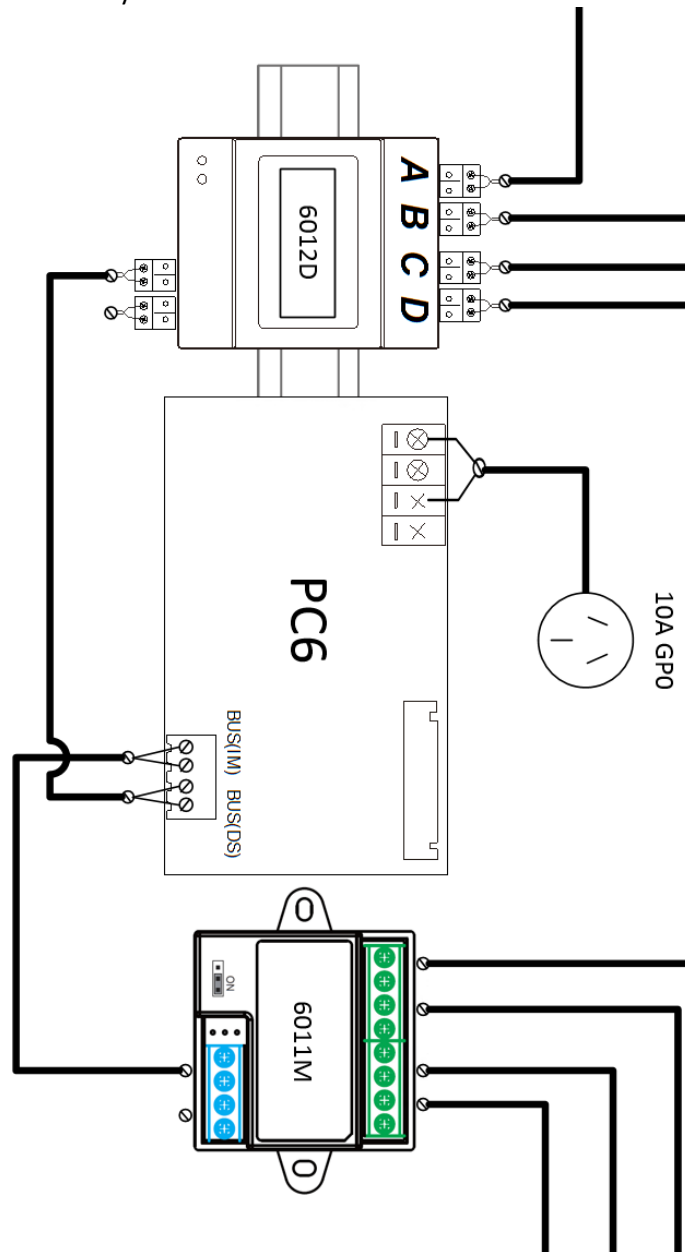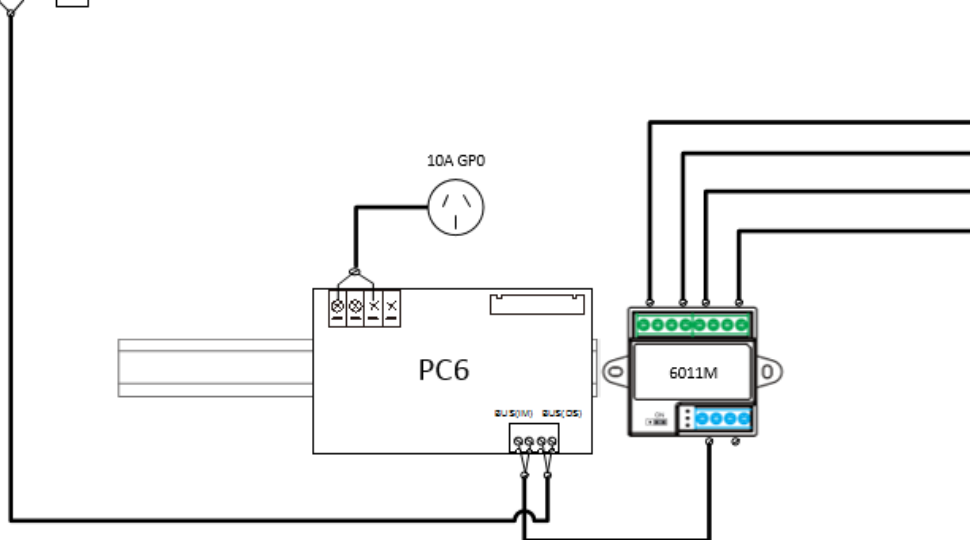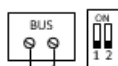
Wiring Diagrams

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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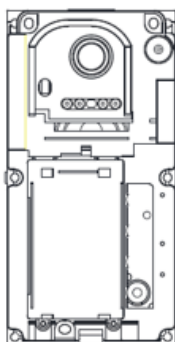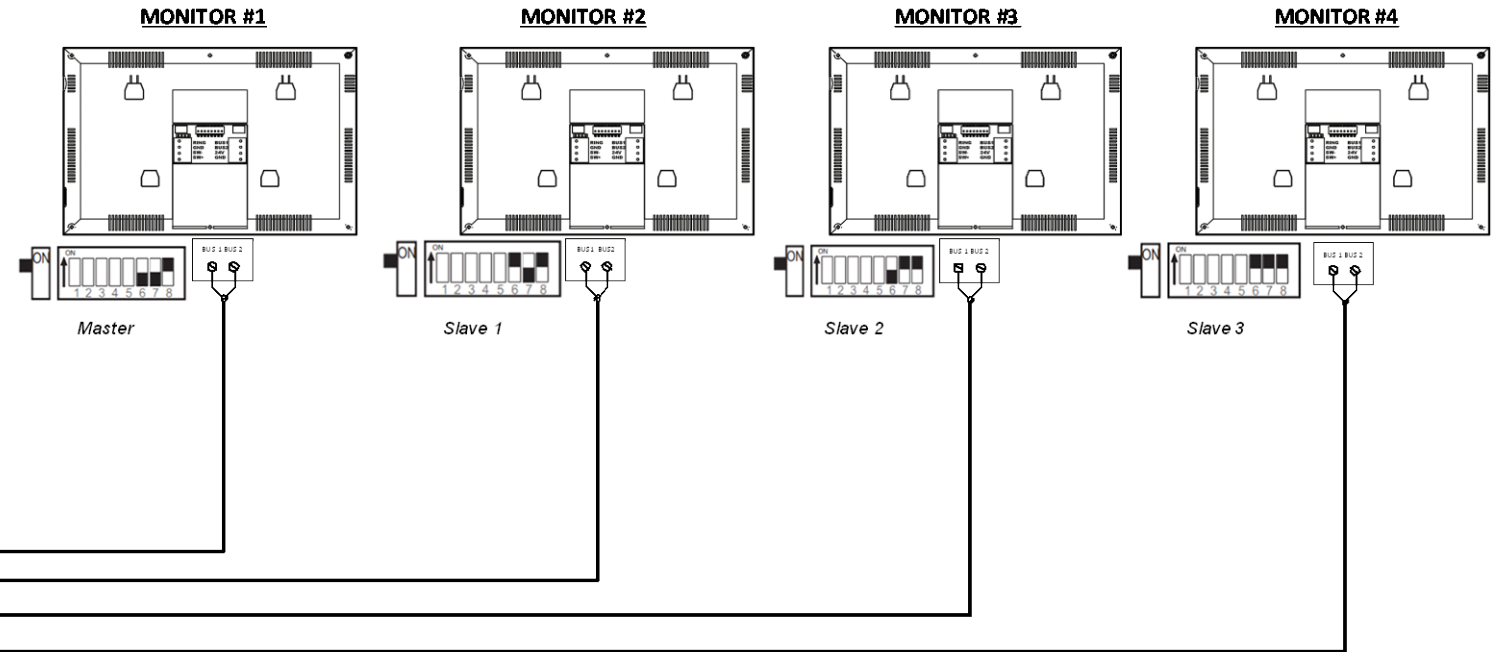(08) 7999 9162
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1 Door Station to 4 Monitors (Star Configuration)

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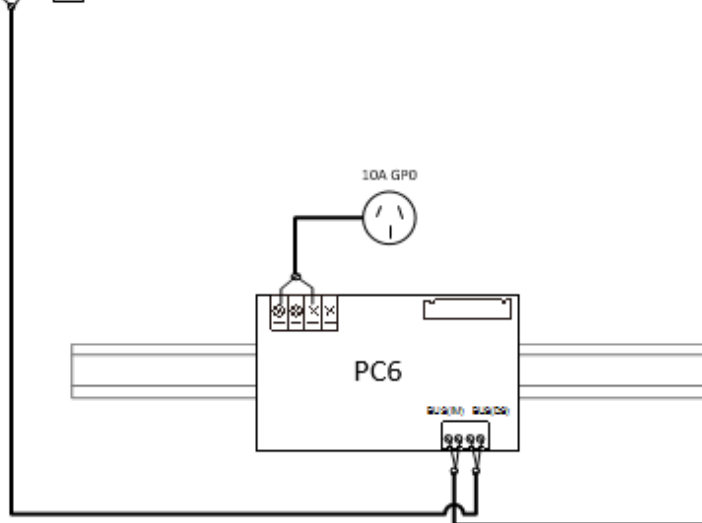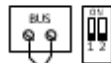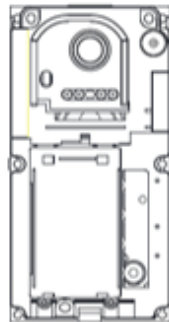**NT OFFICE**
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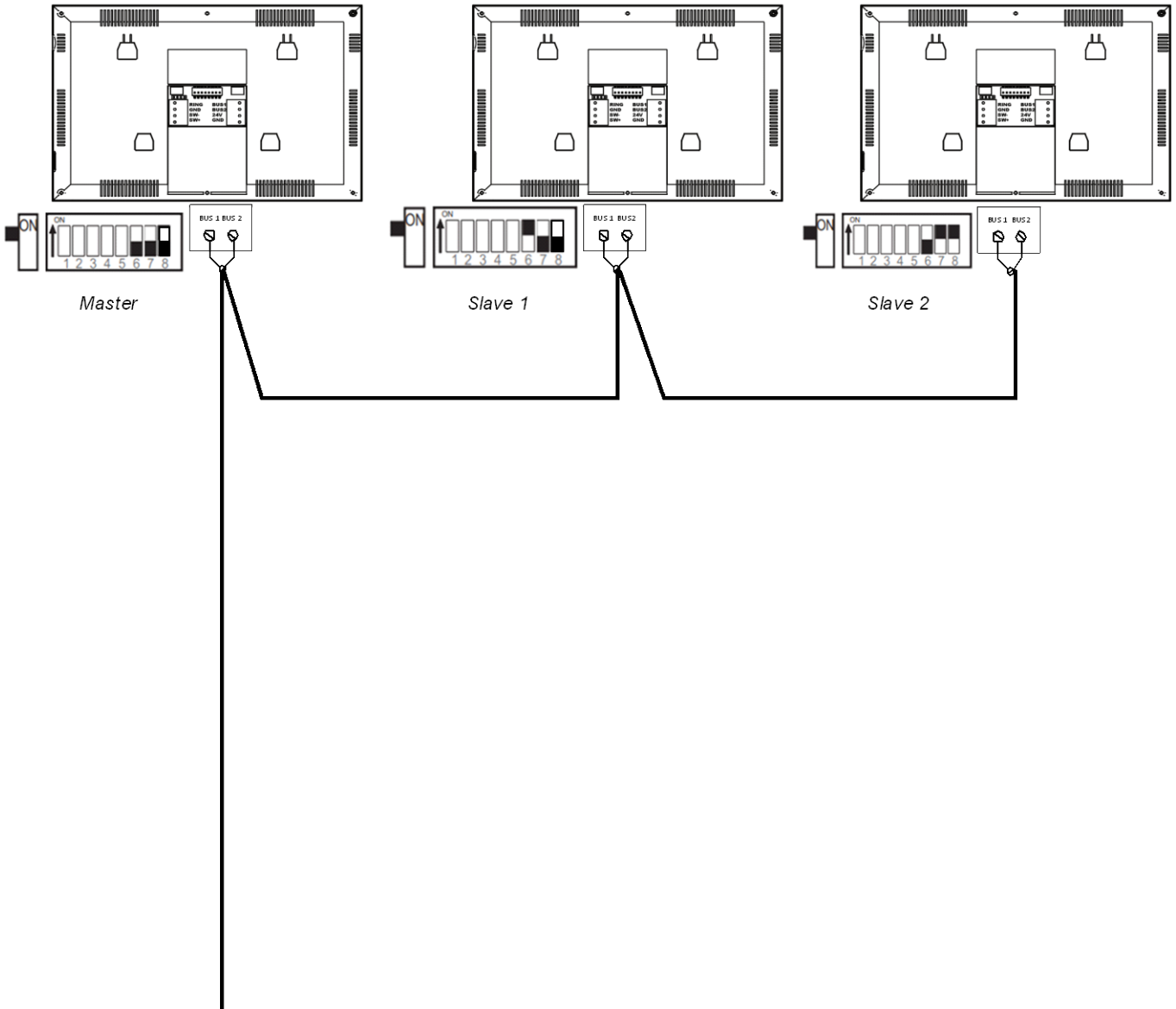**WA OFFICE**
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MONITOR #1	MONITOR #2	MONITOR #3	MONITOR #4
Master	Slave 1	Slave 2	Slave 3

1 Door Station to 3 Monitors (Series)

FRONT DOOR STATION #1

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MONITOR #1

MONITOR #2

MONITOR #3

Master

Slave 1

Slave 2

4 Door Station to 4 Monitors (Star Configuration)

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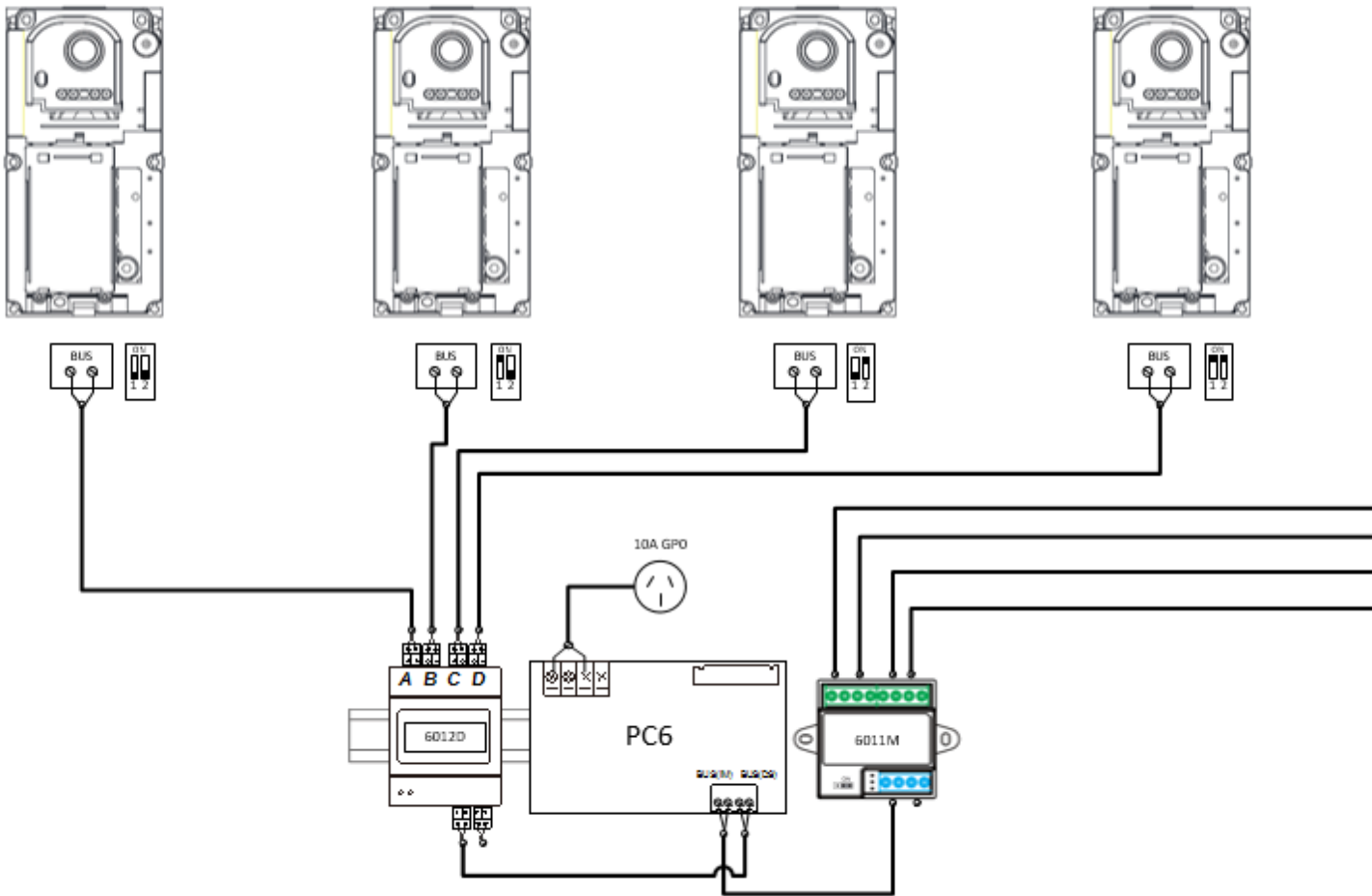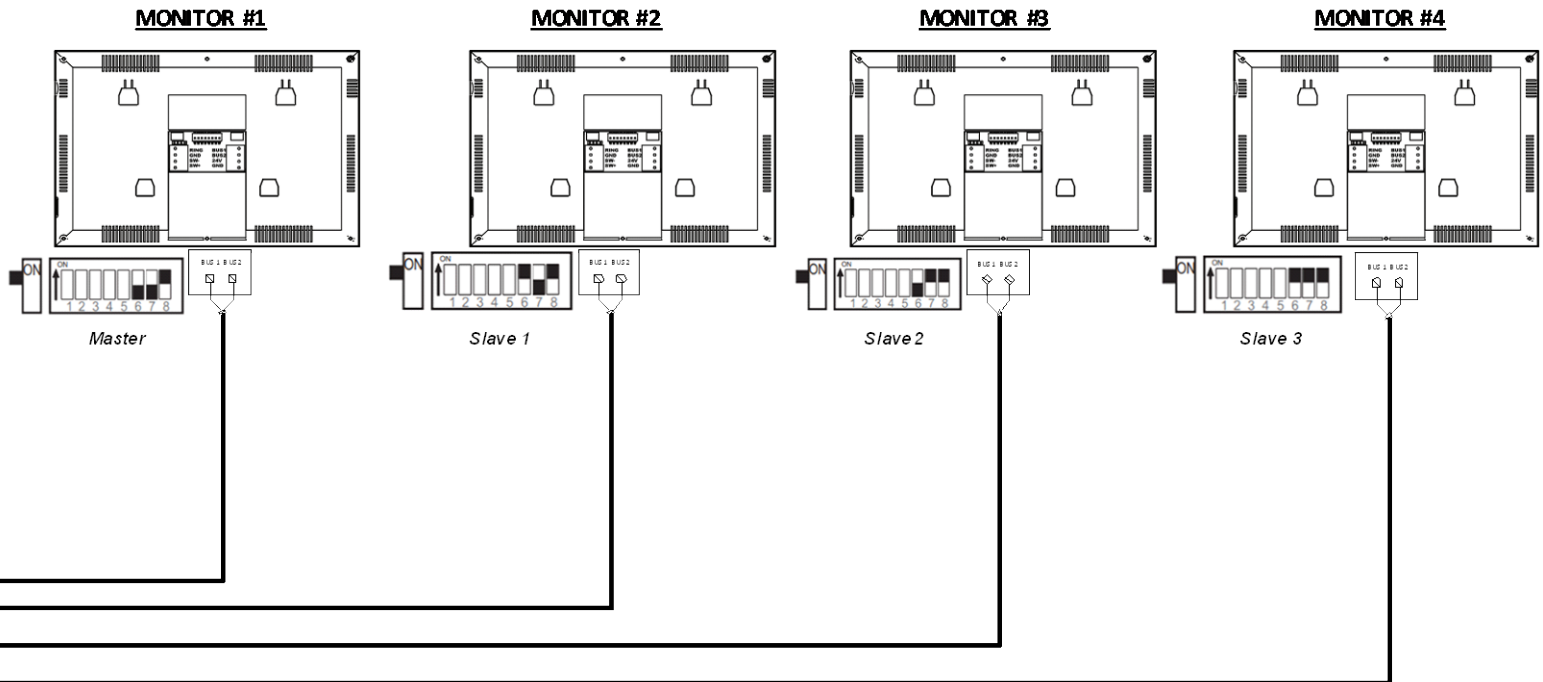wa@fermaxaus.com.au

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MONITOR #1

MONITOR #2

MONITOR #3

MONITOR #4

Master

Slave 1

Slave 2

Slave 3

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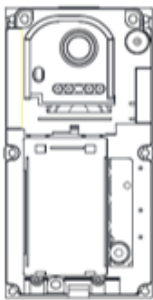**NT OFFICE**
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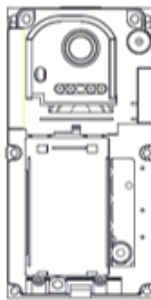(08) 9240 2624
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4 Door Station to 3 Monitors (Series)

FRONT DOOR STATION #1   FRONT DOOR STATION #2   FRONT DOOR STATION #3   FRONT DOOR STATION #4

10A GPO

A B C D

6012D

PC6

MONITOR#1

MONITOR#2

MONITOR#3

Master

Slave 1

Slave 2

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Lock Wiring

The system has 2 Locks

- Lock 1 – 12 VDC (250mA) Output on exit or door release
  - **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	ON 3
Lock 2	ON 3

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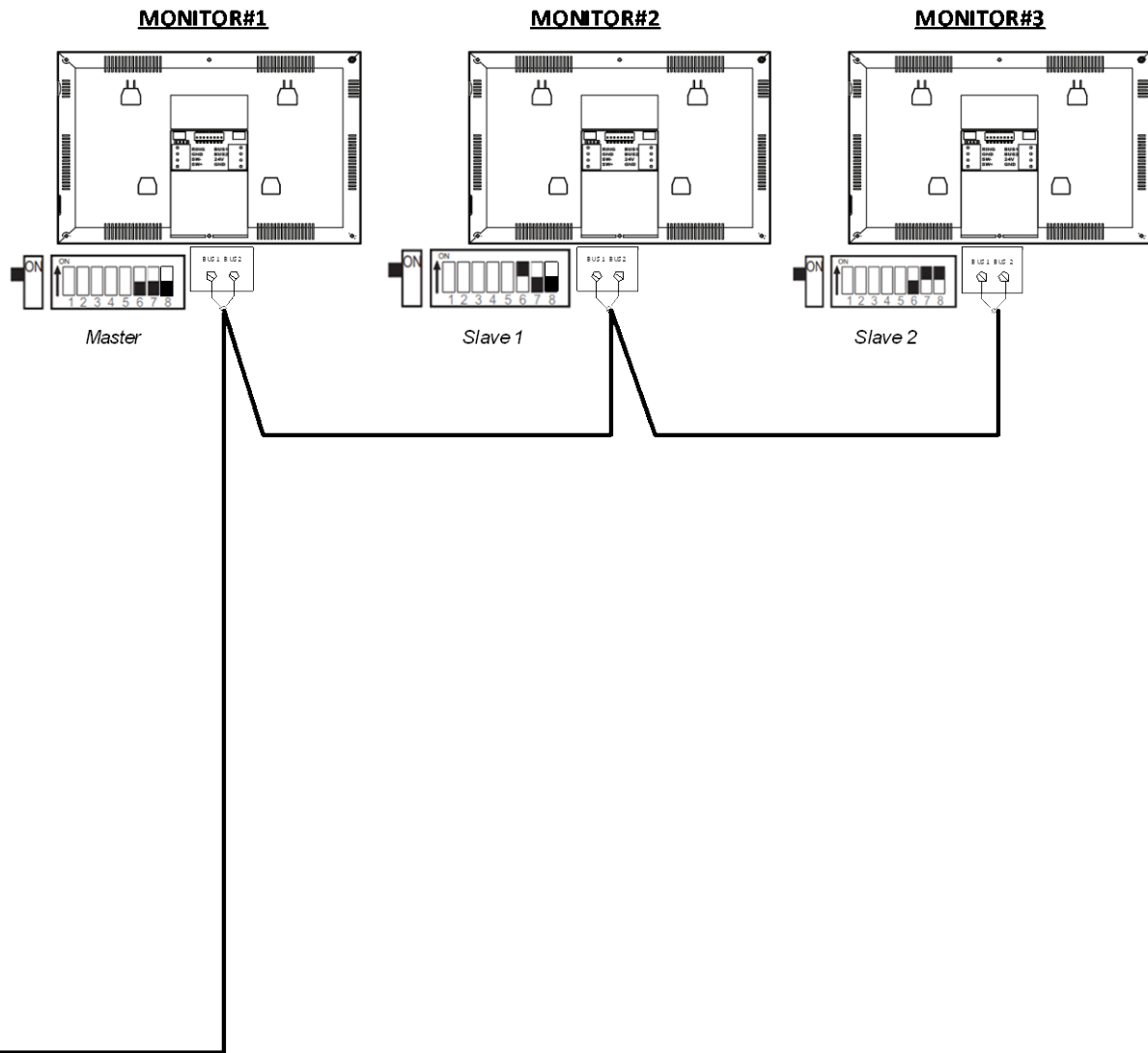**VIC OFFICE**
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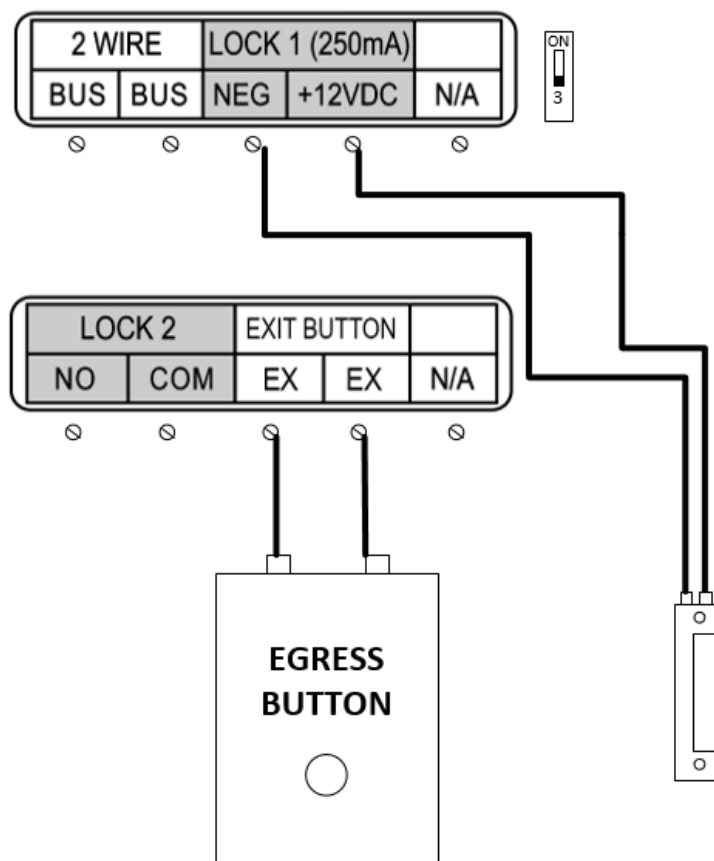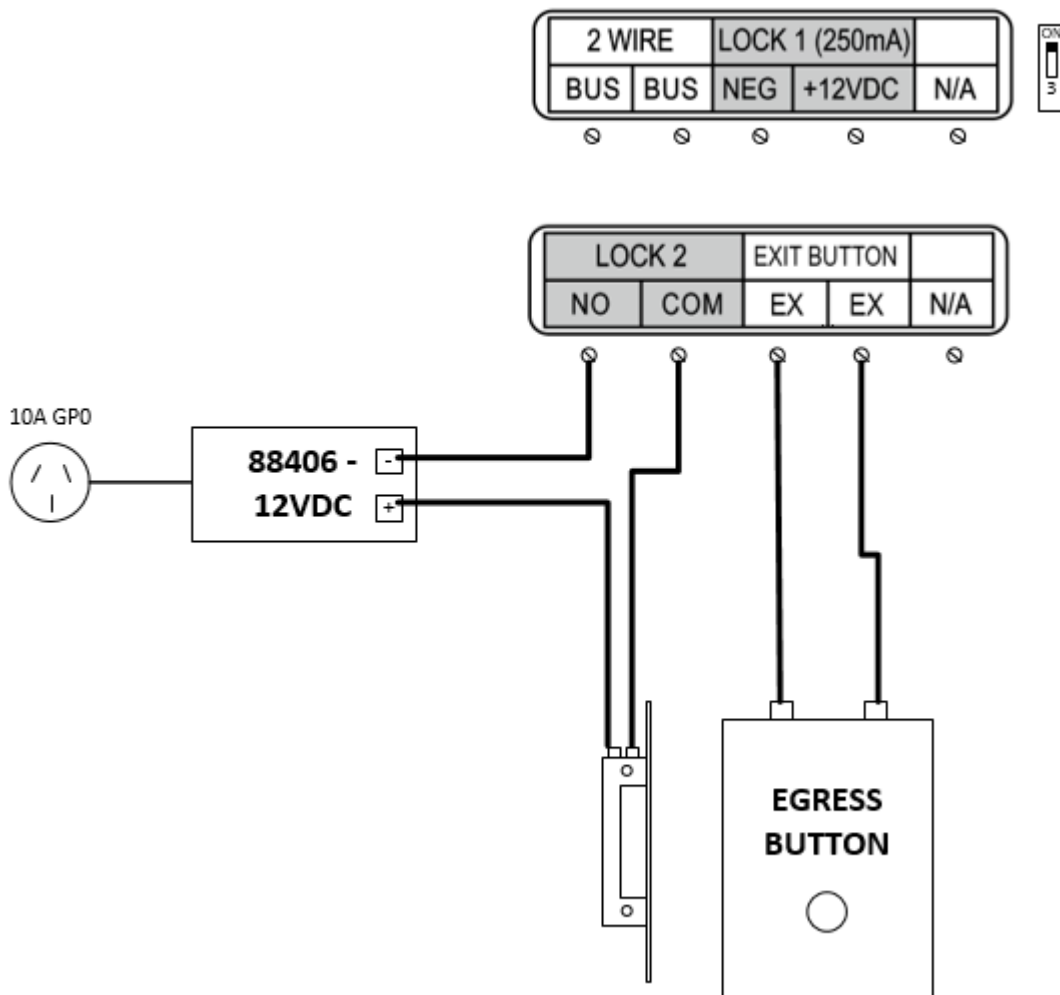(08) 7999 9162
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	Power to Unlock	Power to Lock
Lock 1	✓	N/A
Lock 2		N/A

	Exit Button To Open
Lock 1	✓
Lock 2	

	Power to Unlock	Power to Lock
Lock 1		N/A
Lock 2	✓	N/A

	Exit Button To Open
Lock 1	
Lock 2	✓

	Power to Unlock	Power to Lock
Lock 1	✓	N/A
Lock 2	✓	N/A

	Exit Button To Open
Lock 1	✓
Lock 2	Independent Exit button

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Wi-Fi Configuration

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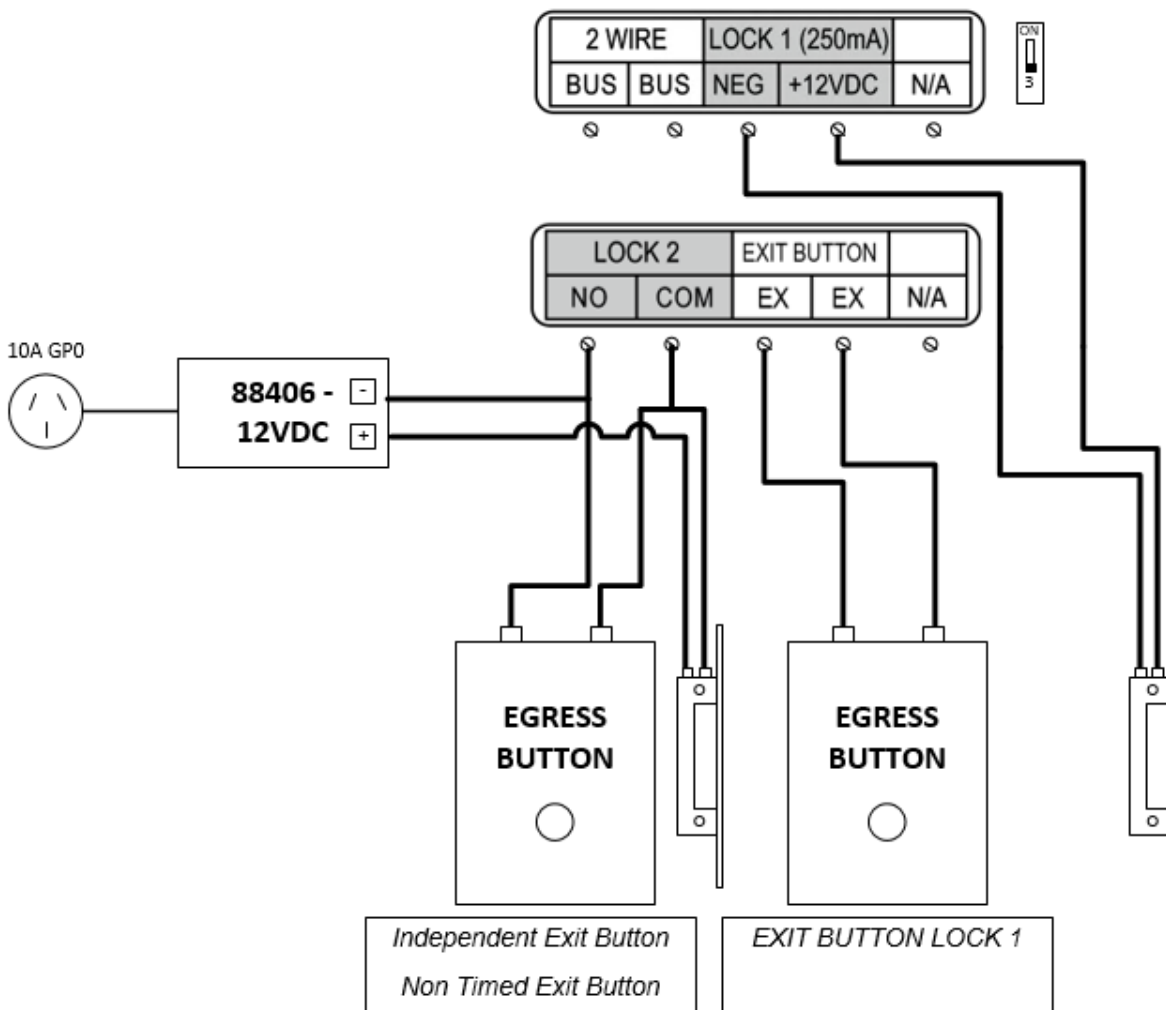**NT OFFICE**
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Notes

- 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 fileds, 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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