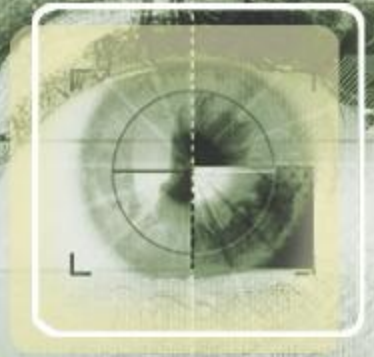


Videofied XL Programming

Module 3:1

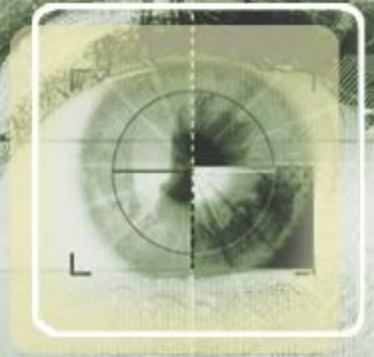


MODULE 3.1 : VIDEOFIED XL SYSTEM PROGRAMMING



Learning Outcomes :

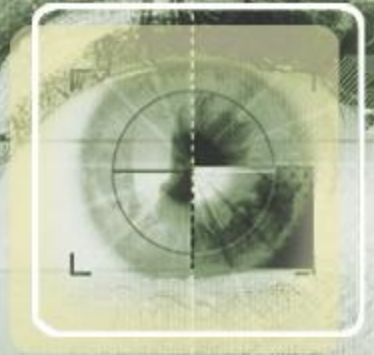
1. Knowledge of Videofied XL Panel and associated peripherals
2. Ability to program a Videofied XL System
3. Ability to add and delete Videofied devices
4. Ability to perform radio (RF) device range tests
5. Ability to perform functional device tests
6. Knowledge in the placement of Videofied MotionViewers



1. GOLDEN RULES - XL

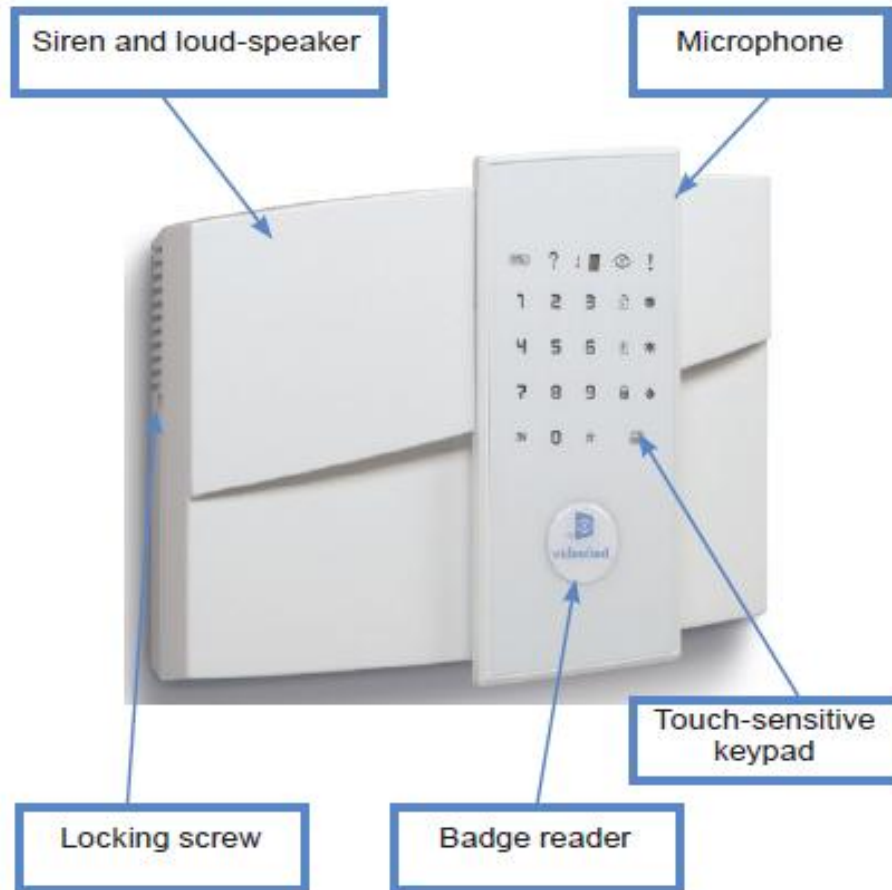
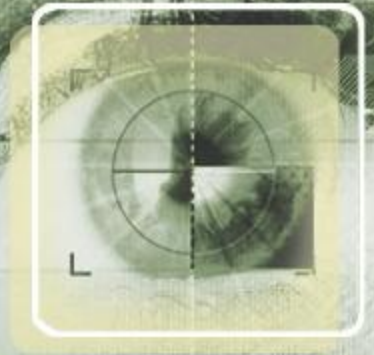
1. Devices in Area 1 are **ALWAYS** subject to Entry and Exit delay.
2. If a Keypad or Badge Reader is entered into an Area, then all the devices in this Area are also subject to Entry/Exit delays.
3. Never place the panel near an electric switchboard: there is a possibility of interference with the Radio and GPRS modem.
4. Place the alarm panel at the most central location of the site to be protected. (guarantees a better propagation of the radio)
5. Never record the same device twice without having first deleted the device off the panel.
6. Record a maximum of 19 peripheral devices and 19 User codes/badges (XL panels)
7. You are limited to 3 keypads or badge readers or combination there-of.
8. Installation height for Indoor MotionViewers is 2.1 to 2.35mtrs.
9. Installation height for Outdoor Motionviewers is 2 – 3mtrs. NOTE: Suited to protect assets not areas, and should be angled down to cutoff the PIR view to 10mtrs.
10. Never mount the keypad at the beginning of installation so that you can walk around with it during programming.
11. Always clean the camera lens after installation (with a clean and dry piece of cloth, without pressing on the lens)
12. The keypad becomes inactive after 30 seconds of inactivity, in order to make the display to reappear, press on the [YES] key

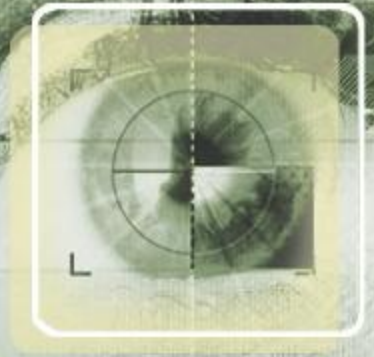
2. What we need to begin?



- Videofied XL Panel
- 8 x Energizer 'D' cell alkaline batteries
- Wireless keypad (CMA701)
- Indoor MotionViewer (DCV701)
- Outdoor MotionViewer (DCV751)
- Wireless Universal Device – Reed (CT701)
- Remote Control (RC701)
- Badge Reader (BR751)
- Badge – Proximity Tag
- 18 x 'AA' Saft lithium batteries (LS14500)
- SIM Card (GPRS activated) Security PIN Disabled
- Monitoring Station Details : Account Number & IP OR Domain Name
- XL Programming Manual (Download at www.videofied.com.au/downloads/manuals)

Videofied XL Panel



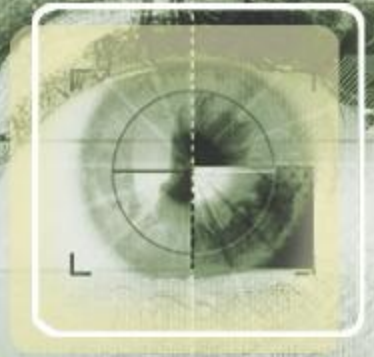


3. Programming XL Panel

- i. Refer to the XL programming manual Page 3
- ii. Remove the XL panel from the box
- iii. Insert SIM card into the panel as shown:

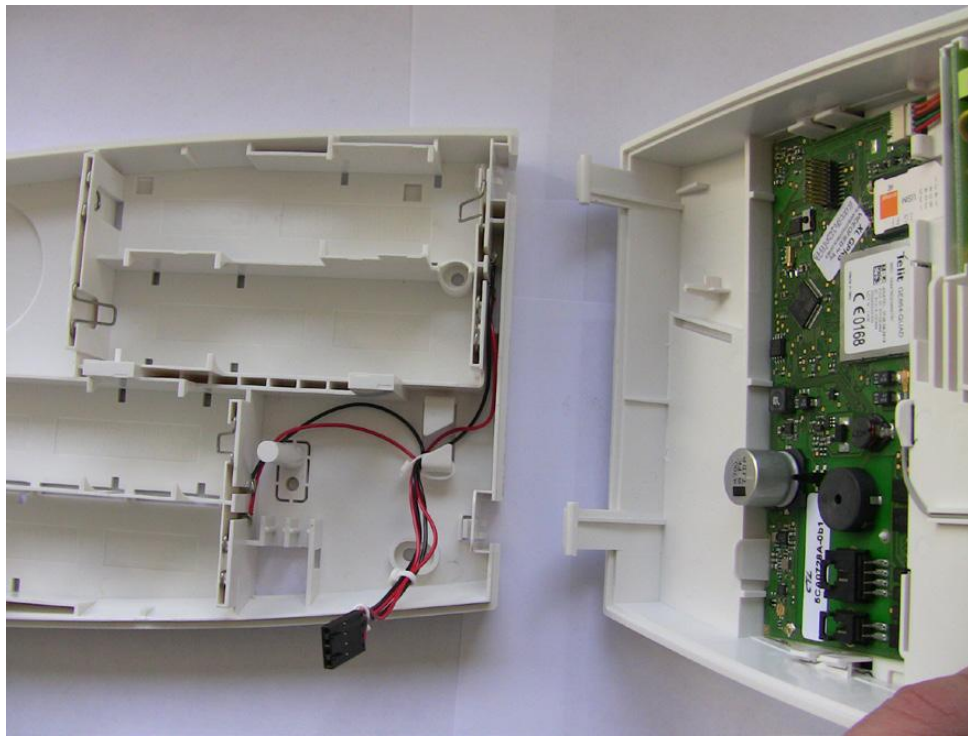


3. Programming XL Panel

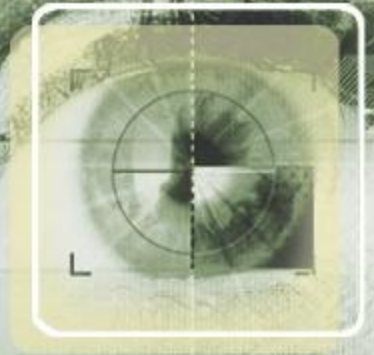


IV. Assemble the XL panel

Affix rear panel on the wall and clip in front of panel

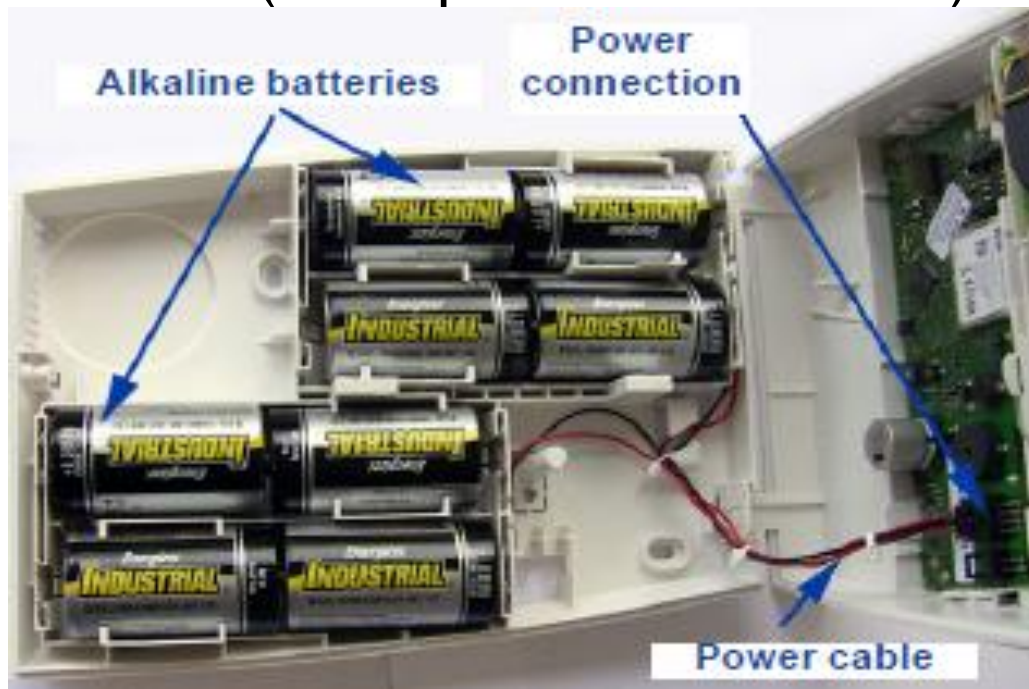


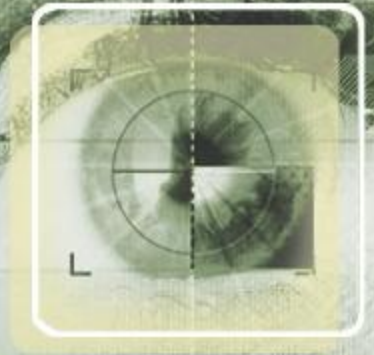
3. Programming XL Panel



V. CONNECT POWER LEAD

Connect power cable and insert batteries. Keypad should light up and flash (a beep should be heard).





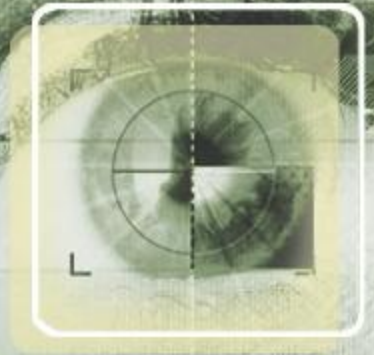
3. Programming XL Panel

VI. DEFAULT THE PANEL

Hold down the PROGRAM BUTTON on the panel for 10 seconds until the keypad beeps again and lights up all the keys of the panel keypad.



3. Programming XL Panel

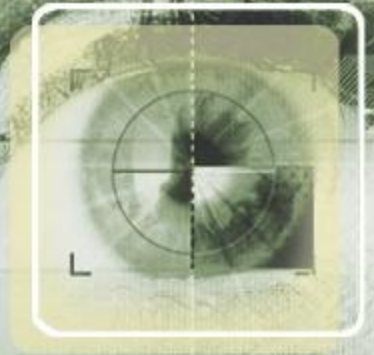


VII. RECORD KEYPAD

Press and release instantly the PROGRAM BUTTON of the panel again to switch to keypad registration mode.



3. Programming XL Panel



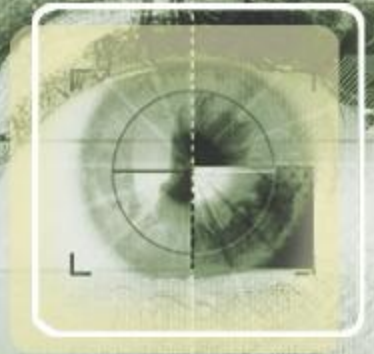
IIX. RECORD THE KEYPAD (Ref. Keypad installation data sheet)



- Insert the 3 Lithium LS14500 batteries in the keypad.
- Do not mount the keypad.
- Simultaneously press the [CLR] and [ESC NO] buttons on the keypad, until the keypad's LED flashes, then release. (Usually 2 – 5 seconds)

PRESS [CLR] & [ESC NO]
SIMULTANEOUSLY

3. Programming XL Panel



IX. BEGIN PROGRAMMING - RADIO RANGE TEST

KEYPAD DISPLAY

KEYPAD 1
RECORDED

<LANGUAGE>
ENGLISH

RADIO RANGE
TEST?

RADIO RANGE
X/9

PRESS



to select the language.

PRESS

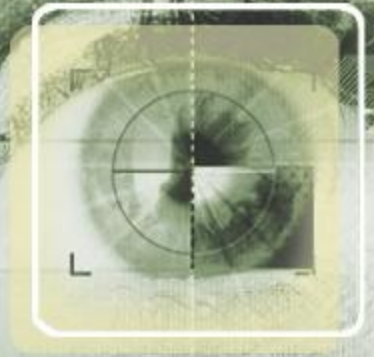


PRESS



Perform a radio range test between the XL panel and the keypad. Must not be less than 5/9 radio strength. Allow 30 seconds for signal strength to stabilize.

3. Programming XL Panel



X. ENTERING INSTALLER CODE

KEYPAD DISPLAY

ENTER THE
INSTALLER CODE

WAIT

4 to 6 DIGITS
THEN YES

WAIT

INSTALLER CODE:

Installer code +  , then confirm : Code +



CODE NAME :

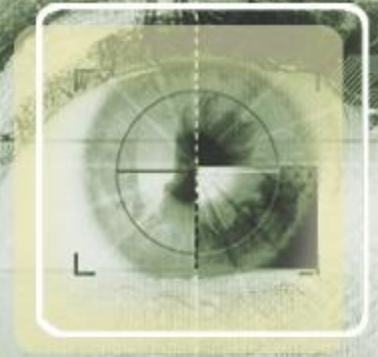
Naming the code +



There is no default installer code, it is what is entered at this stage.

Installers code will take up 1 of the 20 user code/proximity badge slots

3. Programming XL Panel





XI. ADJUSTING DATE & TIME

KEYPAD DISPLAY

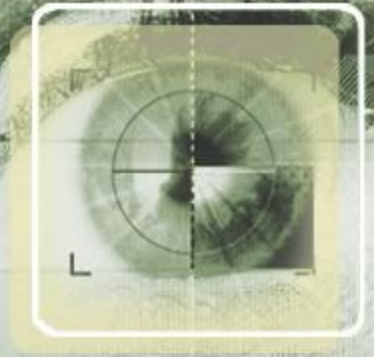
ADJUSTING
TIME AND DATE

DATE (YEAR) :
00 / /

Wait

Use **right** or **left** arrows   to modify the parameters and the [YES] key to save the value and move to the next.

Repeat for MONTH, DAY, TIME and MINUTES



3. Programming XL Panel

XII. MONITORING STATION SETTINGS

KEYPAD DISPLAY

CONNECTED TO
MONITORING STATION?

PRESS



ACCOUNT NUMBER:

Enter the client account number provided by monitoring station then



PERIODIC TEST

Hourly Periodic tests will significantly shorten the battery life

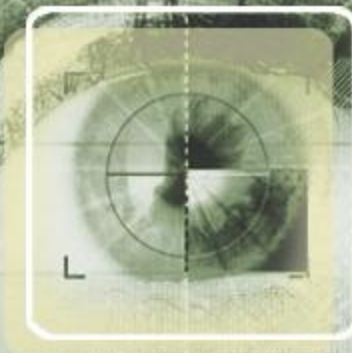
PERIODIC TEST:
24 HOURS



to change the period +






3. Programming XL Panel





XII. MONITORING STATION SETTINGS..

KEYPAD DISPLAY

TEST HOUR:
00:0

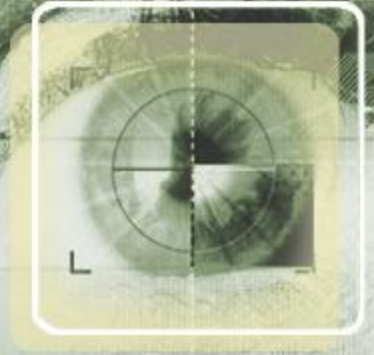
  to increase hours +  , and do the same for minutes.

CODE/STATE
MODIFICATION?

 to keep default transmitted events or  (to modify the event transmission status, and the on/off controls, refer to Chapter 6. Details on the alarm codes menu, page 10).

By default events that are transmitted to the monitoring station are:
DEVICE (Intrusion), PANIC, TAMPERS, PERIODIC TEST, LOW PANEL BATTERIES, LOW DEVICE BATTERIES, SUPERVISION FAULT.

3. Programming XL Panel



XIII. AREA CONFIGURATION

KEYPAD DISPLAY

AREA
CONFIGURATION

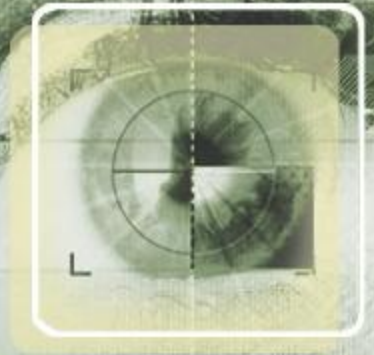
AREA NAME 1 :

Enter the name of Area 1 and then
Repeat this for Areas 2, 3 and 4.



Areas are the logical areas that devices will reside within. For example
Area 1: Entry Foyer (delayed)
Area 2: Front Offices
Area 3: Warehouse
Area 4: Show Room
Area 1 is always an entry exit delay area.



3. Programming XL Panel



XIV. ENTRY – EXIT DELAY

KEYPAD DISPLAY



EXIT DELAY:
45 sec

  to modify the value +



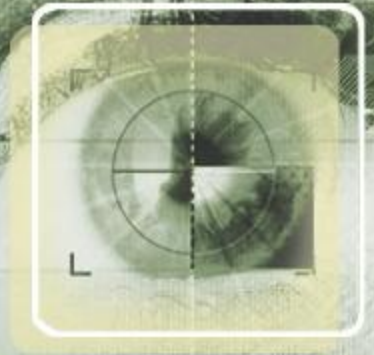
Exit Delays can be either 45 sec, 1min or 2min

ENTRY DELAY:
15 Sec

  to modify the value +



Entry Delays can be either 15 sec, 30 sec, 45 sec, 1min or 2min



3. Programming XL Panel

XV. GPRS PARAMETERS - CONFIGURATION

KEYPAD DISPLAY

GPRS
PARAMETERS?

PRESS



APN:

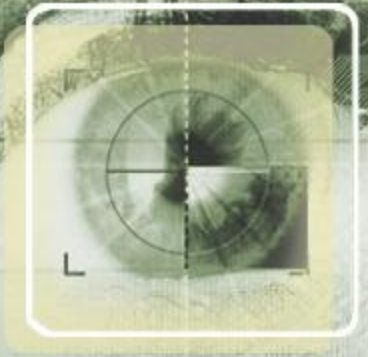
- APN (Access Point Name) information entered depends upon your SIM service provider.
- APN information must be entered in lower case
- A username and password is used for corporate network

Service Provider	APN	USERNAME PASSWORD
Telstra	telstra.wap	
Telstra Corporate	telstra.corp	YES – (as provided by Suretek)
Optus	internet	
Vodafone	vfinternet.au	

If using public Telstra sim enter : *telstra.wap* then



GPRS PARAMETERS



General Communication Frontel Surtec / ContactID Instru

Access

APN
telstra.wap

User
a1012@suretek.com.au

Password
a012o

These values should never be changed without Technical Support Approval

IP Address or Domain Name of CMS main server and backup server

APN (Access Point Name) USERNAME and PASSWORD is provided by your service provider

IP Address or Domain Name of CMS remote maintenance

SMTP server if panel has to send email e.g. mail.bigpond.com

Frontel addressees

Alarms (main server)

Domain name

or IP address 123.050.148.050

Port

Alarms (back-up server)

Domain name

or IP address 000.000.000.000

Port

Remote maintenance

Domain name

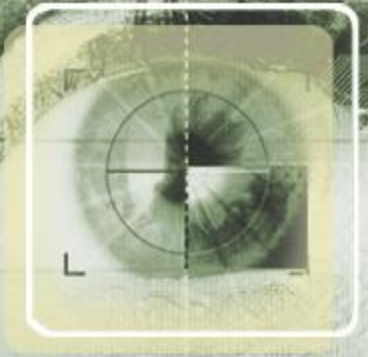
or IP address 123.050.148.050

Port

SMTP

Domain name

3. Programming XL Panel





XV. GPRS Parameters - CONFIGURATION

KEYPAD DISPLAY

USERNAME

PASSWORD

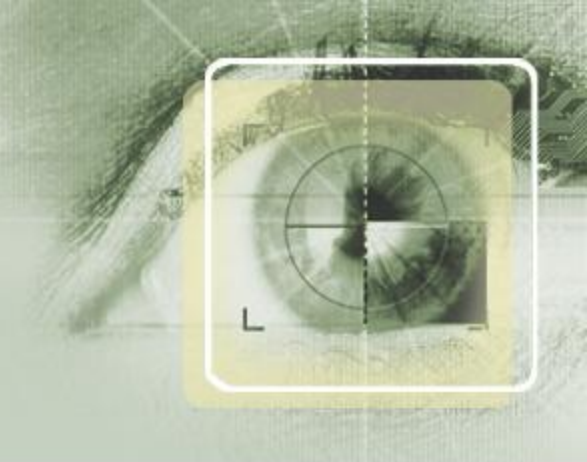
To enter a Username
Press  and enter
the username and 

then arrow right and
repeat for password

NOTE: Username
and Passwords are
case sensitive

If using APN telstra.wap
(public network) no username
or password is required.
Leave Username and
Password blank

If using telstra.corp or
another private network, then
a Username and Password is
required.
These are supplied by the
sim provider ie Suretek,
Signature etc



3. Programming XL Panel

XV. GPRS Parameters - CONFIGURATION

KEYPAD DISPLAY

IP1 ADDRESS

OR

Domain Name 1

Right arrow to IP1 or Domain 1.

To enter a IP1 Press
and enter the IP
followed by

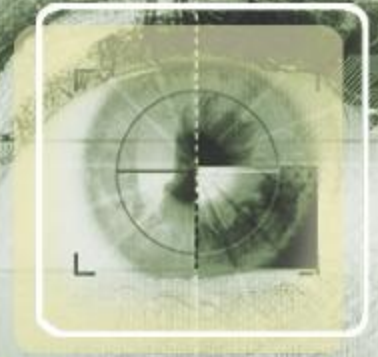


NOTE: When the :
appears then digits
can be entered in the
field.

IP 1 OR Domain 1 is the monitoring stations IP or Domain. Your monitoring station needs to supply either the IP or domain name.

Videofied systems report to either the IP or the Domain. Both should NOT be entered

3. Programming XL Panel



XV. GPRS Parameters - CONFIGURATION

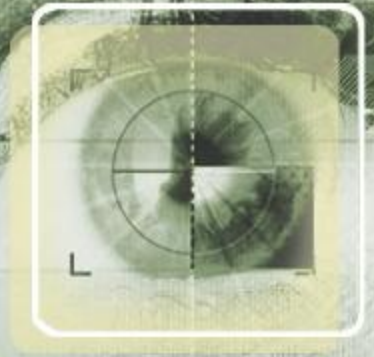
KEYPAD DISPLAY

PORT 1

Right arrow to PORT 1.

By Default this should be 888. Right arrow past this to IP 2.

Check with monitoring station to confirm this is the case, 9 times out of 10 it is.



3. Programming XL Panel

XV. GPRS Parameters - CONFIGURATION

KEYPAD DISPLAY

IP2 ADDRESS

OR

Domain NAME 2

Right arrow to IP2 or Domain 2.

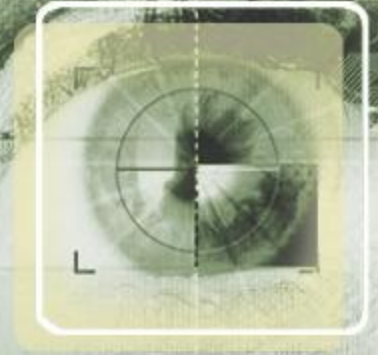
To enter a IP2 Press
and enter the IP
followed by



IP 2 OR Domain 2 is the monitoring stations backup Videofied IP or Domain server.

NOTE: Some monitoring stations do not have a backup server therefore IP2 can be left blank

3. Programming XL Panel



XV. GPRS Parameters - CONFIGURATION

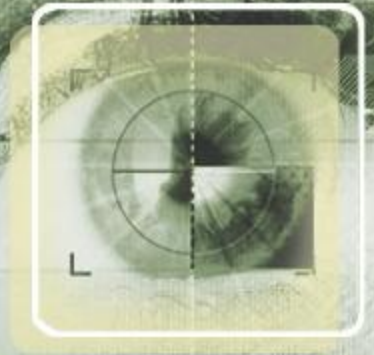
KEYPAD DISPLAY

PORT 2

Right arrow to PORT 2.

By Default this should be 888. Right arrow past this to TMT IP.

Check with monitoring station to confirm this is the case, 9 times out of 10 it is.



3. Programming XL Panel

XV. GPRS Parameters - CONFIGURATION



KEYPAD DISPLAY


TMT IP ADDRESS

OR

TMT Domain

Right arrow to TMT IP ADDRESS or TMT Domain TMT.

To enter a IP or Domain Press  and enter the IP followed by 

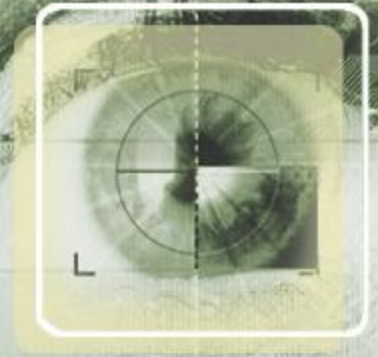
NOTE: TMT is used by the Videofied panel to initiate a communication so maintenance can be performed. Pressing 999999  will connect this.

TMT IP OR TMT Domain is the monitoring stations remote maintainance Videofied IP or Domain server address.

Most monitoring stations use the same server as IP1 or DOMAIN 1. So the same can be entered here.

Enter only TMT IP or TMT DOMAIN. Leave the other blank

3. Programming XL Panel



XV. GPRS Parameters - CONFIGURATION

KEYPAD DISPLAY

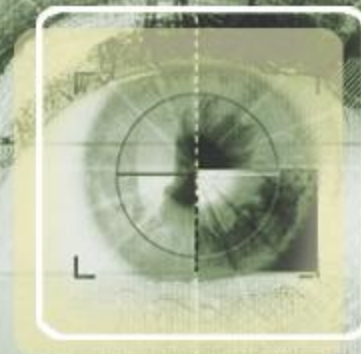
PORT TMT

Right arrow to PORT TMT.

By Default this should be 888. Press 
To exit GPRS parameters

Check with monitoring station to confirm this is the case, 9 times out of 10 it is.

3. Programming XL Panel



XVI. GPRS LEVEL

KEYPAD DISPLAY

GPRS LEVEL?

TEST IN PROGRESS

END = YES

GPRS LEVEL

5/5

GPRS Level will appear.

Press



A GPRS signal level test will commence

Press



to end test.

NOTE: GPRS signal level from the panels SIM card to the mobile tower will be displayed. Test may take 3min

Signal level should not be less than 3/5 and **MUST** not be less than 2/5

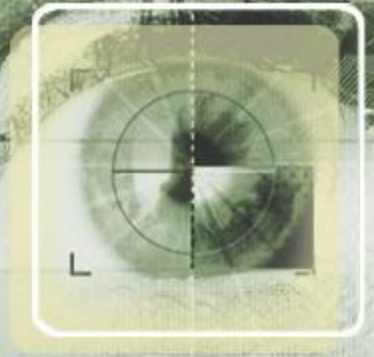
If an error appears.

1. Repeat test.

CHECK:

2. SIM is active for GPRS
3. Security PIN code on sim has been disabled
4. APN is correct - telstra.wap (public – not private)
5. Username and password are correct – case sensitive
6. GPRS area coverage is sufficient for location

3. Programming XL Panel



XVII. ADDING VIDEOFIED DEVICES


KEYPAD DISPLAY

PRESS PROGRAM
BUTTON OF DEVICE

Press sync button
of device

Device Check in
Progress

CAMERA 1
RECORDED

Press 

**Refer to your device
installation sheets.**

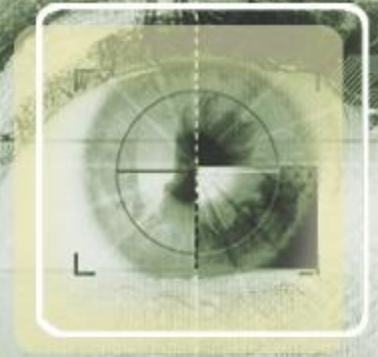
Take your Videofied device (MotionViewer, reed switch) and open up.

Insert the batteries.

Depress the sync button momentarily.

Indoor devices – use a paper clip to depress sync button. Outdoor devices – press sync button inside

3. Programming XL Panel



XVII. ADDING VIDEOFIED DEVICES

KEYPAD DISPLAY

RADIO RANGE
TEST?

Press

9/9

Press



to end test

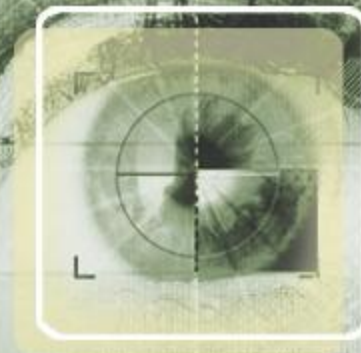
Radio range test

Take your Videofied device and with the keypad, walk to the area the device will be positioned.

Test that the radio range test is no less than 7/9 on the keypad display.

Leave device to settle for 30 seconds. Ensure radio level is stable.

3. Programming XL Panel



XVII. ADDING VIDEOFIED DEVICES

KEYPAD DISPLAY

AREA ALLOCATION
AREA: 1

9/9

Right arrow to
select AREA 2, 3
or 4 then

Press



For delay area
select Area 1

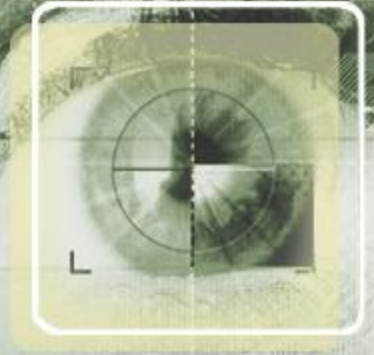
NOTE: *If an arming/disarming device is enrolled in AREA 2, 3 or 4, then this area will become a delayed area also*

AREA Allocation

Remembering that Area 1 has a keypad enrolled in it, making this area ENTRY/EXIT Delayed, we need to allocate CAMERA 1 to an area.

To change CAMERA 1 to be in AREA 2, 3 or 4, right arrow to AREA # and then press YES

3. Programming XL Panel



XIIX. FINISHING INSTALLATION

KEYPAD DISPLAY

OPERATION
COMPLETED?

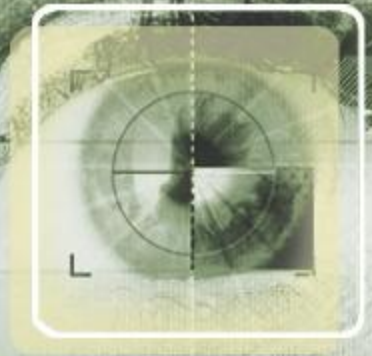
SYSTEM CHECK IN
PROGRESS

INSTALLATION
SUCESSFUL!

Press



Once all the devices have been added, a check of the system will automatically take place. Radio device issues, tampers etc will be displayed I there are errors.



4. Adding User Code - XL Panel

XIX. ENTERING USER CODE

KEYPAD DISPLAY

DISARMED LVL:4

BADGES
ACCESS CODES

BADGE OR CODE

ENTER A BADGE
OR CODE

BADGE OR CODE

At DISARMED State 
to BADGES ACCESS CODES

Then press



ENTER the INSTALLER CODE and
Press



Press



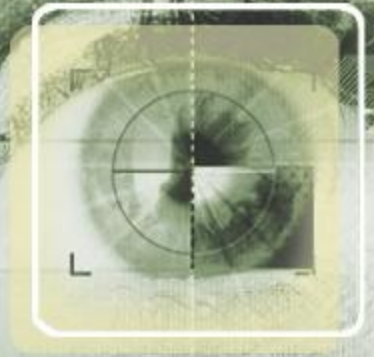
ENTER the USER code and
Then repeat process



AFTER entering the User Code, you can then allocate a USER CODE NAME.

Various levels of ACCESS (1,2,3,4) can then be modified under 'BADGES ACCESS CODES'/'BADGE/CODE CONFIGURATION'/'BADGE CODES LIST'/'ACCESS LEVEL'

5. Deleting Devices – XL Panel



XX. DELETING DEVICES

KEYPAD DISPLAY

DISARMED LVL:4

ACCESS LEVEL
4

LEVEL : 4

CONFIGURATION

BADGE OR CODE

At DISARMED State  to LVL:

Then press 



 to LEVEL:4 PRESS 



 to CONFIGURATION PRESS 

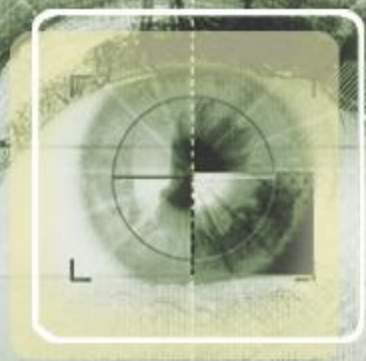


ENTER the USER code and PRESS 



AFTER entering the User Code, you can then allocate a USER CODE NAME.

Various levels of ACCESS (1,2,3,4) can then be modified under 'BADGES ACCESS CODES'/'BADGE/CODE CONFIGURATION'/'BADGE CODES LIST'/'ACCESS LEVEL'



5. Deleting Devices – XL Panel

XXI. DELETING DEVICES - KEYPAD

KEYPAD DISPLAY



AREAS AND
DEVICES

DEVICES

DEVICE
CONFIGUARATION


A1: KEYPAD
KEYPAD 1


DELETE
KEYPAD

 to AREAS AND DEVICES
Then press 

DEVICES then PRESS 

 to DEVICE
CONFIGURATION Press 

 through device list until
device to be deleted is located for
example KEYPAD 1

Press  to delete device - keypad

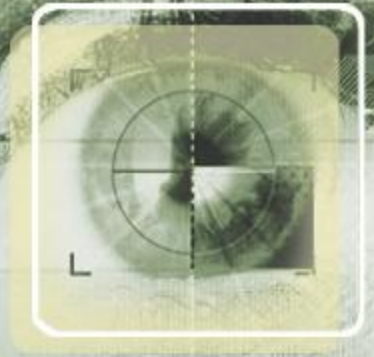
DELETING DEVICES

It is important to delete devices before physically removing them from the Videofied panel. Failing to do so will create a radio supervision fault.

Before defaulting a Videofied panel ALL devices must be first deleted. Failing to do so will make it difficult to re enroll them again.

THIS IS ESSECIALLY IMPORTANT FOR THE KEYFOB, as it is an unsupervised device

6. GPRS Level Test – XL Panel



XXII. GPRS LEVEL TEST – AFTER PROGRAMMING

KEYPAD DISPLAY

DISARMED LVL:4

MAINTENANCE

GPRS LEVEL?

TEST IN PROGRESS
END = YES

5/5



press



to MAINTENANCE then




press



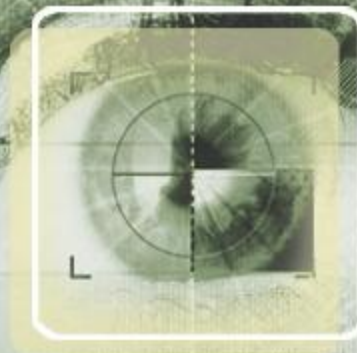
to GPRS LEVEL? then

The GPRS level will commence/
May take a minute

GPRS Level will be displayed #/5
PRESS and HOLD  to return

GPRS Level should not be less than 3/5 and NEVER less than 2/5

7. Device Locating – RF Testing



XXIII. DEVICE LOCATION – RADIO RANGE TEST

KEYPAD DISPLAY

DISARMED LVL:4

MAINTENANCE

DEVICE LOCATING

CAMERA 1

RF TEST

9/9




to MAINTENANCE then



to DEVICE LOCATING then



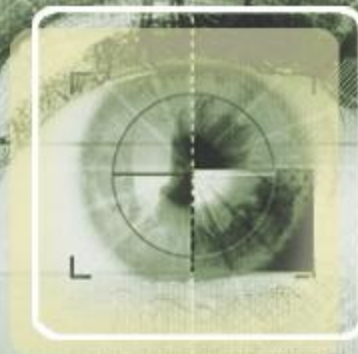
to select device you want to radio range test then Press

A radio range signal strength will be displayed #/9 PRESS  to exit test

RF – Radio range test of devices should not read less than 7/9.

Leave device in position for 30 seconds to allow radio to settle.

Sometime relocating the panel or devices as little as 30 cm can improve the signal.



8. Adding Additional Devices - XL Panel

XXIV. ADDING ADDITIONAL DEVICES

KEYPAD DISPLAY

AREAS AND
DEVICES

DEVICES

ADD A NEW
DEVICE

PRESS PROGRAM
BUTTON OF DEVICE

 to AREAS AND DEVICES

Then press



DEVICES then PRESS



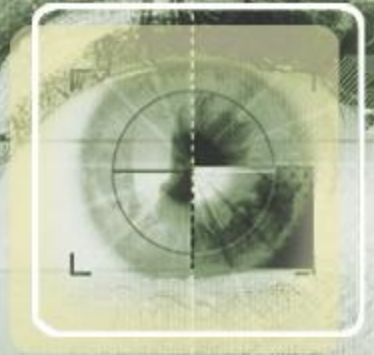
ADD A NEW DEVICE Press



Insert the batteries and press the program button of device as per installation sheet of device

The Videofied XL Panel can accommodate up to 19 additional devices including Motionviewers, reed switches, keyfobs, siren strobes.

9. Re- Enrolling Wireless Keypad - XL Panel




XXV. RE – ENROLLING THE WIRELESS KEYPAD

KEYPAD DISPLAY




On the front of the XL Panel PRESS and HOLD the  for 3 seconds

You have successfully entered the programming mode when the display flashes.

Type in '000000' the PRESS 

The LED will cycle.

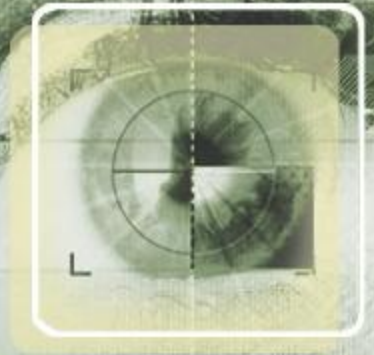
PRESS ESC/NO and CLR together on the WIRELESS KEYPAD

Enter the Installer Code and then press  on the wireless keypad

KEYPAD 1
RECORDED

INSTALLATION
CODE

10. DCV701 Motionviewer



XXVI. Enrolling a DCV701 Motionviewer

KEYPAD DISPLAY


AREAS AND
DEVICES

DEVICES

ADD A NEW
DEVICE

PRESS PROGRAM
BUTTON OF DEVICE

 to AREAS AND DEVICES

Then press 

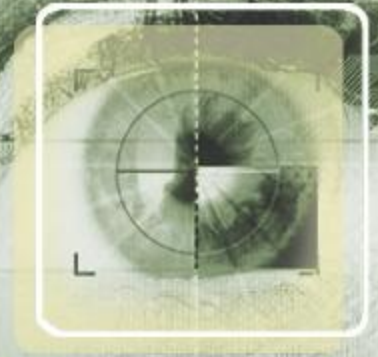
DEVICES then PRESS 

ADD A NEW DEVICE Press 



Insert the batteries and close.
Press the program using a
paperclip – depressing the sync
button of device as per
installation sheet

11. DCV701 Motionviewer



XXVI. Enrolling a DCV701 Motionviewer


KEYPAD DISPLAY

PRESS PROGRAM
BUTTON OF DEVICE

Press sync button
of device

Device Check in
Progress

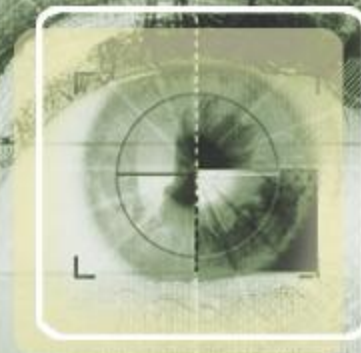
CAMERA 1
RECORDED

Press 

Name of Camera

Change the name of the
camera and area

11. DCV701 Motionviewer



XXVI. Enrolling a DCV701 Motionviewer

KEYPAD DISPLAY

RADIO RANGE
TEST?

Press

9/9

Press



to end test

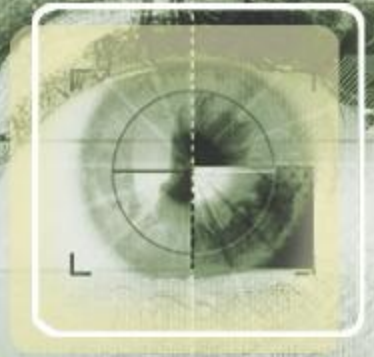
Radio range test

Take your Videofied Motionviewer device, and with the keypad, walk to the area the device will be positioned.

Test that the radio range test is no less than 7/9 on the keypad display.

Leave device to settle for 30 seconds. Ensure radio level is stable.

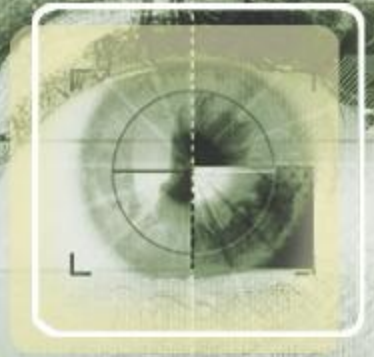
11. DCV 701 Indoor Motionviewer



XXVII. Placement of DCV 701 Motionviewer

- Mount Motionviewer at height of 2.1 – 2.3 mtrs
- Do not mount in front of air vent
- Field of view of detector is 90 degrees
- Camera field of view is 88 degrees
- Detection range of up to 12 mtrs
- IR capability up to 7 mtrs
- Camera resolution 320 x 240

12. DCV751 Outdoor Motionviewer



XXVIII. Outdoor Motionviewer

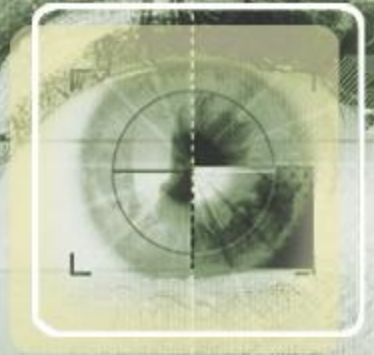
Bi-Directional Radio
Transceiver to Panel



- Self-powered
- No AC connection
- Up to 2 Year Life



12. DCV751 Motionviewer



XXVIII. Enrolling a DCV751 Motionviewer

KEYPAD DISPLAY


AREAS AND
DEVICES


DEVICES

ADD A NEW
DEVICE

PRESS PROGRAM
BUTTON OF DEVICE

 to AREAS AND DEVICES

Then press 

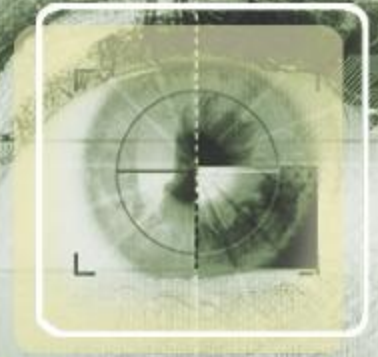
DEVICES then PRESS 

ADD A NEW DEVICE Press 

Insert the batteries
Press the program – sync button
of device as per installation
sheet of device



12. DCV751 Outdoor Motionviewer



XXVIII. Enrolling a DCV751 Motionviewer


KEYPAD DISPLAY

Device Check in
Progress

CAMERA 1
RECORDED

Name of Camera

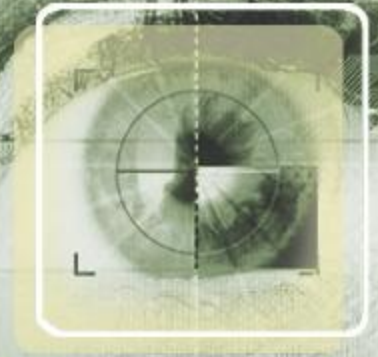
If device sync has been received the display will indicate device check in progress

Press 

Change the name of the camera and area



12. DCV751 Outdoor Motionviewer



XXVIII. Enrolling a DCV751 Motionviewer

KEYPAD DISPLAY

RADIO RANGE
TEST?

Press



9/9

Press



to end test

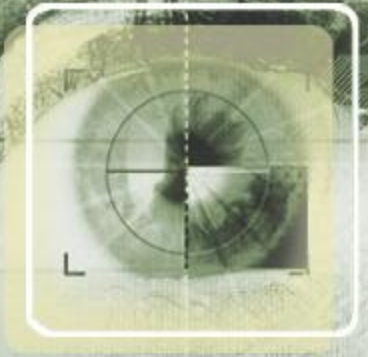
Radio range test

Take your Videofied Motionviewer device, and with the keypad, walk to the area the device will be positioned.

Test that the radio range test is no less than 7/9 on the keypad display.

Leave device to settle for 30 seconds. Ensure radio level is stable.

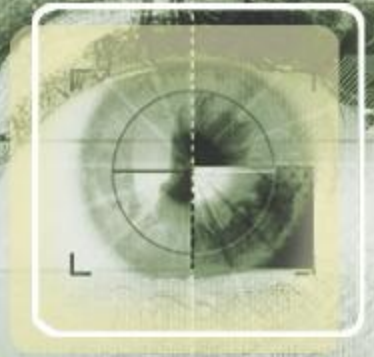
12. DCV 751 Outdoor Motionviewer



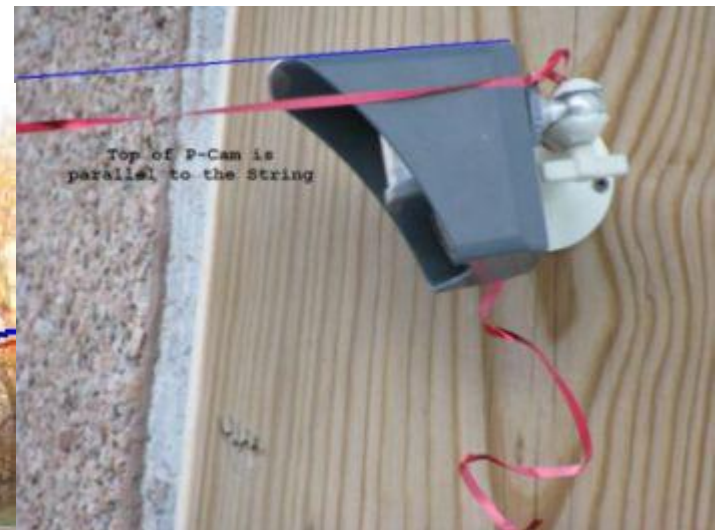
XXVIII. Placement of DCV 751 Motionviewer

- Mount Motionviewer at height of 2 – 3 mtrs
- Angle Motionviewer mount down to cut off field of view to max 10 mtrs
- Motionviewer should be used to protect assets and things not areas. Doorways, gates, vehicles, fuel tanks etc (refer next image)
- Remember this is intruder video verification not surveillance
- Field of view of detector is 90 degrees
- Camera field of view is 88 degrees
- Detection range of up to 12 mtrs
- IR capability up to 7 - 9 mtrs
- Camera resolution 320 x 240

12. DCV 751 Outdoor Motionviewer

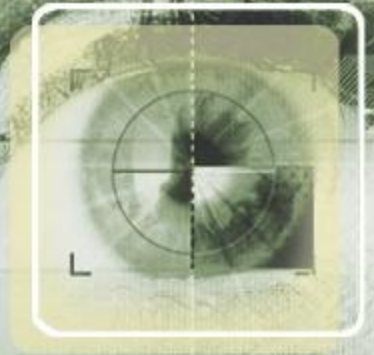


XXIX. Placement of DCV 751 Motionviewer



Angle down to cutoff field of view to 10 mtrs maximum

13. RC701 Keyfob



XXX. Enrolling a RC701 Keyfob


KEYPAD DISPLAY

AREAS AND
DEVICES

DEVICES

ADD A NEW
DEVICE

 to AREAS AND DEVICES

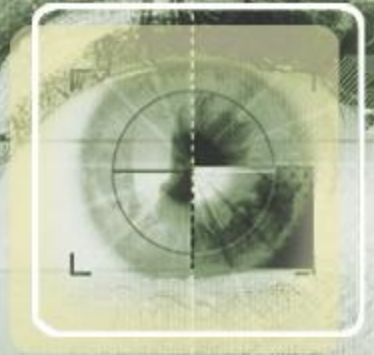
Then press  YES

DEVICES then PRESS  YES

ADD A NEW DEVICE Press  YES



13. RC 701 Keyfob



XXVI. Enrolling a RC701 Keyfob

KEYPAD DISPLAY

PRESS PROGRAM
BUTTON OF DEVICE

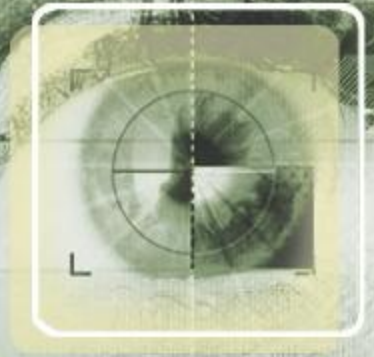
Device Check in
Progress

KEYFOB
RECORDED

Press program buttons:
Hold down ON & OFF
together for 5 – 10 seconds
and release. If not successful
repeat process

Press 





14. RC701 Wireless Universal Transmitter - Reed

XXXI. Enrolling a RC701 Wireless Universal Transmitter - Reed

KEYPAD DISPLAY

AREAS AND
DEVICES

DEVICES

ADD A NEW
DEVICE

PRESS PROGRAM
BUTTON OF DEVICE

 to AREAS AND DEVICES Then press



DEVICES then PRESS



ADD A NEW DEVICE Press

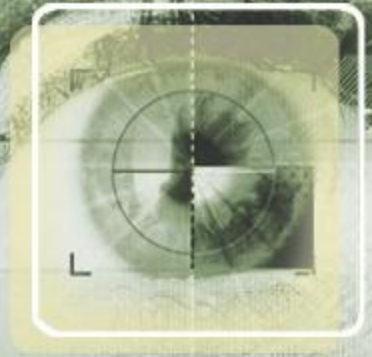


Insert the batteries

Using a paper clip Press the program – sync button of device as per installation sheet of device - **BEFORE ENROLLING IT MUST BE IN THE NORMAL STATE – CLOSED/OPEN EXTERNAL CONNECTION - Closed/Open**



14. RC701 Wireless Universal Transmitter - Reed



XXXI. Enrolling a RC701 Wireless Universal Transmitter - Reed


KEYPAD DISPLAY

If device sync has been received the display will indicate device check in progress

Device Check in
Progress

DETECTOR
RECORDED

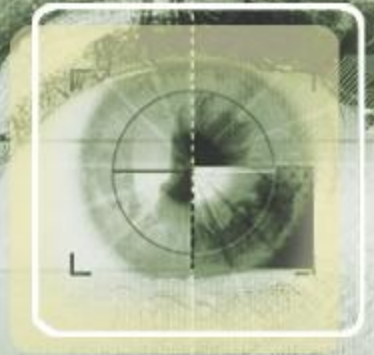
Name of DETECTOR

Press 

Change the name of the camera and area



14. RC701 Wireless Universal Transmitter - Reed



XXXI. Enrolling a RC701 Wireless Universal Transmitter - Reed

KEYPAD DISPLAY

RADIO RANGE
TEST?

Press



9/9

Press



to end test

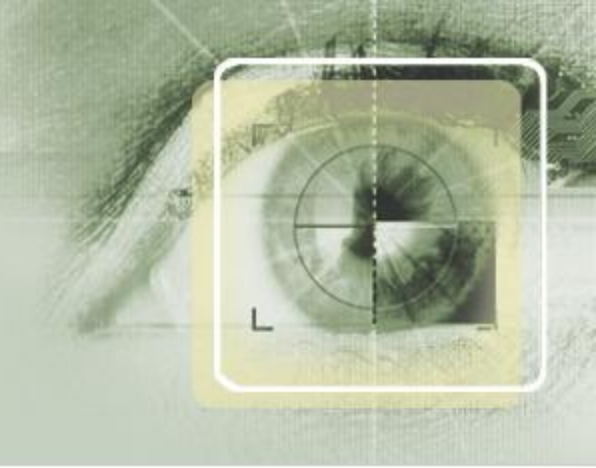
Radio range test

Take your Videofied Motionviewer device, and with the keypad, walk to the area the device will be positioned.

Test that the radio range test is no less than 7/9 on the keypad display.

Leave device to settle for 30 seconds. Ensure radio level is stable.

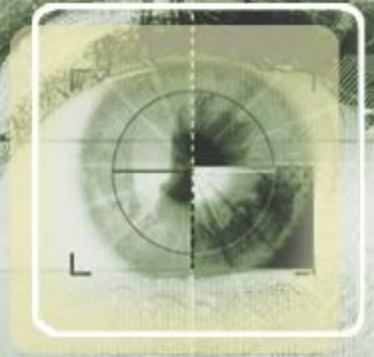
14. RC701 Wireless Universal Transmitter - Reed



XXXII. Wiring external trigger to a RC701 Wireless Universal Transmitter - Reed

The connector technology of the entry wire

Mode	EXT			Jumper		
INT : (Contact only)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/> --- <input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EXT : (Wire entry only)	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/> <input type="radio"/> --- <input type="radio"/>	<input type="radio"/>	<input type="radio"/>
INT + EXT : (Both)	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>



4. RF RADIO

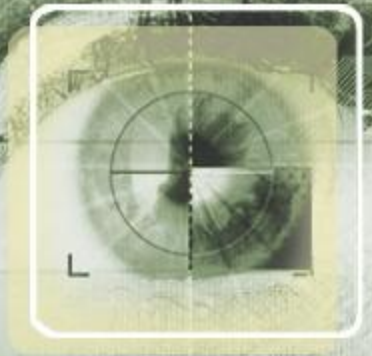
1. Videofied provides superior range at less power using S2VIEW Spread Spectrum technology at 920 MHz.
2. S2VIEW Spread Spectrum technology improves transmission reception in noisy RF environments while providing a resistance to jamming, hacking and eavesdropping.
3. Videofied uses 128-bit AES encryption with a revolving key. The encryption key changes every second.
4. Each Videofied device is a transceiver which means the devices are capable of bi-directional communication.
5. The device will transmit the tamper state, serial number, manufacture date and firmware version
6. All Videofied devices, with the exception of the Keyfob are polled by the control panel every 8 minutes. This polling confirms communication and general device status.
7. Every installation is different and a range test should always be performed before the installation is completed.
8. The actual range achieved will be influenced by RF inhibitors at the site. Some RF inhibitors include: Concrete floors, high wireless traffic areas, brick/block walls, metal sheeting, metal insulation.

5. DEVICE SPECIFICATIONS

CONTROL PANEL VIDEOFIED : XL GPRS

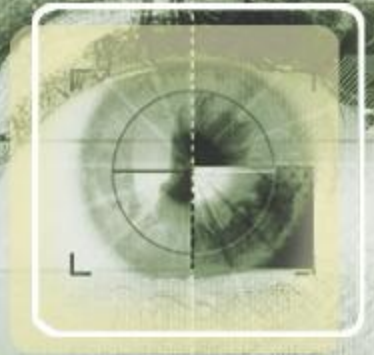
The Control Panel Model XL GPRS is a VIDEOFIED® wireless, battery operated control panel. The control panel is designed for security applications where video verification is needed or desired.

1. S2View® - Spread Spectrum, VIDEOFIED®, Interactive AES Encrypted Wireless technology provides optimum signal integrity and security.
2. Compatibility - works with all VIDEOFIED® wireless devices.
3. Supervision of all devices (except remote keyfob).
4. Tamper detection - 24-hour dual-tamper function provides detection for both cover and wall removal. Control panel also monitors all system device tamper switches.
5. Zones / Devices - 20 maximum.
6. Areas - 4 maximum. Area 1 predefined from factory for entry/exit delay. Areas 2, 3, and 4 can be configured as needed.
7. Access codes - 19 maximum, 4 - 6 digits; one installer access code for on-site programming only.
8. Configuration/Programming - on-site using alphanumeric keypads or off-site using Frontel control remote Software.
9. Communication - reports to central monitoring stations using Frontel.
10. Video Verification - video resolution of 320 x 240 pixels, 0 lux sensitivity, 5-frames per second for approx. 10 seconds total recording time. 220K MPEG file.
11. History/Event Log - maximum 4,000 events stored in flash memory that cannot be cleared or erased.



CONTROL PANEL VIDEOFIED : VISIO GPRS

The Control Panel Model VISIO is a VIDEOFIED® wireless, battery operated security system control panel. The control panel is designed for security applications where video verification is needed or desired.

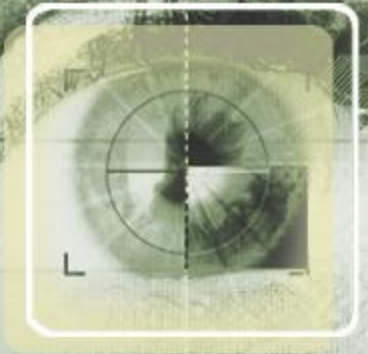


1. S2View® - Spread Spectrum, VIDEOFIED®, Interactive AES Encrypted Wireless technology provides optimum signal integrity and security.
2. Compatibility - works with all VIDEOFIED® wireless devices.
3. Supervision - every 8 minutes (all devices except Keyfobs).
4. Tamper detection - 24-hour dual-tamper function provides detection for both cover and wall removal. Control panel also monitors all system device tamper switches.
5. Zones - 25 maximum.
6. Areas - 4 maximum. Area 1 predefined from factory for entry/exit delay. Areas 2, 3, and 4 can be configured as needed.
7. Access codes - 19 maximum, 4 - 6 digits; one installer access code for on-site programming only.
8. Configuration/Programming - on-site using alphanumeric keypads or off-site using Frontel remote control Software.
9. Communication - reports to central monitoring stations using Frontel.
10. Video Verification - video resolution of 320 x 240 pixels, 0.2 lux sensitivity, 5-frames per second for about 10 seconds total recording time. 220K MPEG file.
11. History/Event Log - maximum 4,000 events stored in flash memory that cannot be cleared or erased.



CONTROL PANEL VIDEOFIED : XTENDER GPRS

Video Upgrade Interface Panel XTENDER attaches to existing alarm panels using the panel's output to arm the XTENDER. The operation of the existing panel is not degraded and it continues to function normally. When the existing panel is armed this also arms the XTENDER.

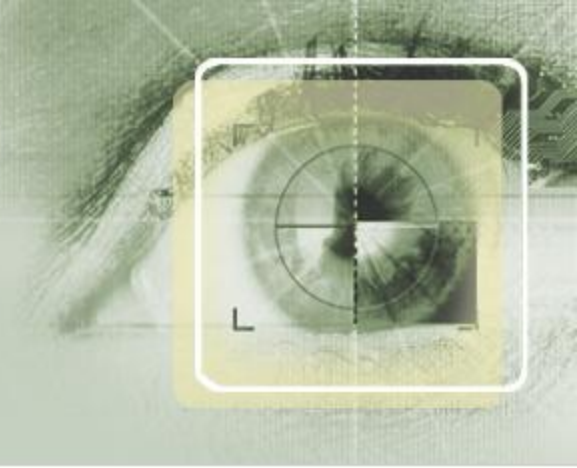


1. S2View® - Spread Spectrum, VIDEOFIED®, Interactive AES Encrypted Wireless technology provides optimum signal integrity and security.
2. Compatibility - works with all VIDEOFIED® wireless devices.
3. Supervision - every 8 minutes (all devices except Keyfobs).
4. Tamper detection - 24-hour dual-tamper function provides detection for both cover and wall removal. Control panel also monitors all system device tamper switches.
5. Zones - 25 maximum.
6. Areas - 4 maximum.
7. Configuration/Programming - on-site using alphanumeric keypads or off-site using Frontel remote control Software.
8. Communication - reports to central monitoring stations using Frontel.
9. Video Verification - video resolution of 320 x 240 pixels, 0.2 lux sensitivity, 5-frames per second for about 10 seconds total recording time. 220K MPEG file.
10. History/Event Log - maximum 4,000 events stored in flash memory that cannot be cleared or erased.



KEYPAD : CMA

The Keypad Model CMA is a battery operated, wireless alphanumeric keypad designed for configuring/programming and operating VIDEOFIED® security systems

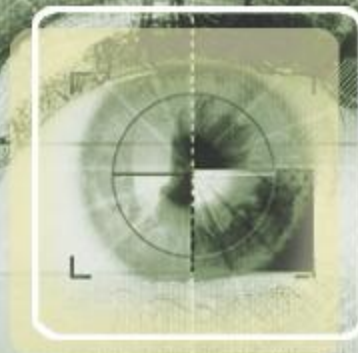


1. S2View® - Spread Spectrum, VIDEOFIED®, Interactive AES Encrypted Wireless technology provides optimum signal integrity and security
2. Mobility - program the system from anywhere on site.
3. Display - two lines, 16 characters each; automatic backlighting; display blackout after 30 seconds of no keypad activity to conserve battery power.
4. Buttons - complete alphanumeric setting/parameter entries in programming mode; standard and custom operation in normal operating mode.
5. Built-in sounder - provides entry/exit delay beeps and alarm sounds.
6. Panic button - for manual activation anytime.
7. Supervised - transmits a check-in/status signal every 8 minutes indicating tamper state, serial number, date of manufacture, software revision and battery status.
8. Dual tamper - provides detection for both wall and cover.
9. Lithium batteries - up to four years.



MOTIONVIEWER CAMERA : DCV

The MotionViewer DCV is a battery operated, wireless indoor motion-activated video camera designed for use in VIDEOFIED® security systems. Motion-activated cameras are intended for applications where video verification of intrusion alarms is necessary or desired.

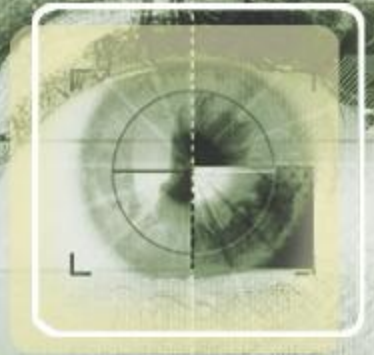


1. S2View® - Spread Spectrum, VIDEOFIED®, Interactive, AES Encrypted Wireless technology provides optimum signal integrity and security.
2. Camera - CMOS black and white sensor with 85° wide angle lens and video resolution of 320 x 240 pixels.
3. Night illumination - up to 4.5 m/14 ft. distance using two infrared LED.
4. Motion detector - dual-element, passive infrared with fresnel lens for 12 m/ 40 ft. wide, 90° coverage pattern.
5. Camera begins filming in under 100 milliseconds after the PIR detects motion.
6. Supervised - transmits a check-in/status signal every 8 minutes indicating unique identification code along with the current detection sensor state, tamper condition, serial number, manufacture date, software revision, and battery status.
7. Dual tamper - provides cover and wall tamper detection.
8. Lithium batteries - up to four years.



OUTDOOR MOTIONVIEWER CAMERA :DCV

The Outdoor MotionViewer™ Camera DCV is a battery operated, wireless outdoor motion activated camera designed for use in Videofied® security systems.

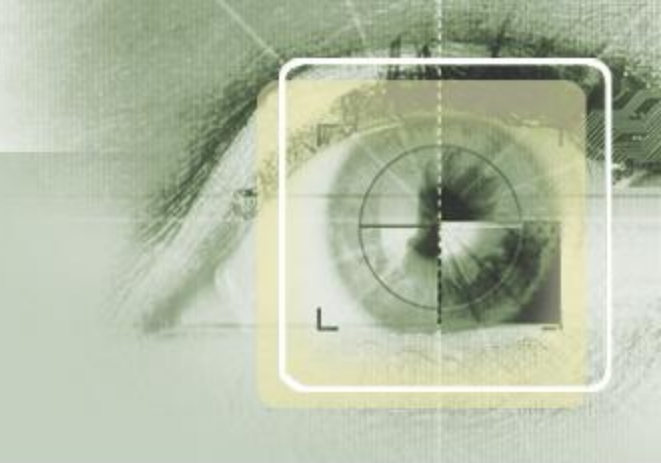


1. S2View® - Spread Spectrum, Videofied®, Interactive AES Encrypted Wireless technology provides optimum signal integrity and security.
2. Camera - CMOS black and white sensor with 85 degree wide angle lens and video resolution of 320 x 240 pixels.
3. Supervised - transmits a check-in/status signal every 8 minutes indicating tamper state and battery status.
4. Night illumination - up to 8 meters/26 feet distance using two infrared LED.
5. Motion detector - Dual-element, passive infrared with Fresnel lens for 12m/40 ft. wide 90 degree coverage.
6. Camera begins filming in fewer than 100 milliseconds after the PIR detects motion.
7. Camera is fully waterproof and can withstand temperatures from -20 degrees to 60°C (-10°/+140°F).
8. Tamper - Provides cover tamper detection.
9. Lithium batteries - up to two years.



OUTDOOR PROXIMITY READER : BR

The Outdoor Proximity Reader Model BR is a battery operated, wireless Proximity Reader designed for arming and disarming operation of VIDEOFIED® security systems.

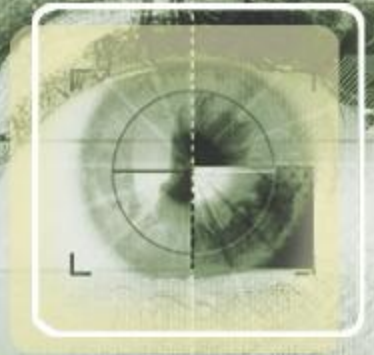


1. S2View® - Spread Spectrum, VIDEOFIED®, Interactive AES Encrypted Wireless technology provides optimum signal integrity and security.
2. Mobility - Use outdoors or indoors with a fully weather proof housing with standing temperatures from -20° to +60°C (-10°/140°F).
3. Displays two LED flashes along with a series of beeps to identify the armed or disarmed status.
4. Built in sounder lets you know when the Badge Reader detects your card or badge.
5. Supervised- Transmits a check-in/ status signal every 8 minutes indicating tamper state, serial number, date of manufacture, software revision and battery status.
6. Uses MIFARE class, 13.56MHz, 1K or 4K, Keyfobs or badges.
7. Dual Tamper - provides detection for both wall and cover tamper conditions.
8. Lithium batteries - four years.



DOOR CONTACT : CT

The Door Contact Models CT are battery operated, wireless door contacts designed for use in VIDEOFIED® security systems. Door contacts are intended for use in detecting the opening and closing of doors, windows, or cabinet doors/drawers.

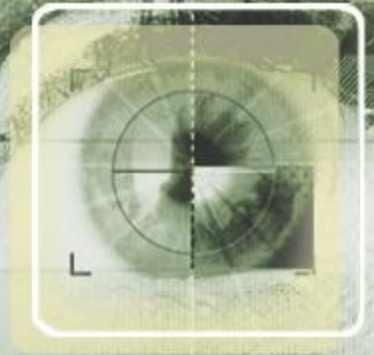


1. S2View® - Spread Spectrum, VIDEOFIED®, Interactive, AES Encrypted Wireless technology provides optimum signal integrity and security.
2. Supervised - transmits a check-in/status signal every 8 minutes indicating open/closed state, tamper conditions, serial number, date of manufacture, software revision and battery status.
3. External input - accepts normally closed (NC) dry (no power) circuits from standard hardwire intrusion devices, including fast response devices.
4. Three working modes: internal reed switch only, external input only, internal switch and external input.
5. Dual tamper - provides detection for both wall and cover tamper.
6. Lithium battery - up to four years.
7. Two colours - available in white or brown.



KEYFOB : RC

The Keyfob Model RC is a battery operated, wireless remote control designed for basic operation of VIDEOFIED® security systems.

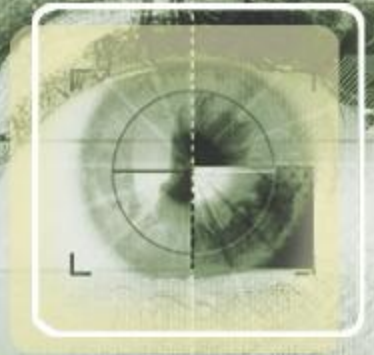


1. S2View® - Spread Spectrum, VIDEOFIED®, Interactive AES Encrypted Wireless technology provides optimum signal integrity and security.
2. Operate system from within or just outside premises.
3. Arming/Disarming - ON arms whole system; OFF disarms system; 1 and 2 buttons arm specific areas as determined by system configuration/programming.
4. Panic alarms - generated by pressing 1 or 2 button and hold for two seconds. 1=audible panic, 2=silent panic.
5. Lithium - battery status transmitted with each keyfob activation.
6. Lithium battery - up to 10 years.



OUTDOOR SIREN STROBE : SE

The Outdoor Siren/Strobe Model SE is a battery operated, wireless combination unit designed for use in Videofied® security systems.



1. S2View® - Spread Spectrum, Videofied®, Interactive AES Encrypted Wireless technology provides optimum signal integrity and security.
2. Sounder - provides output of 105 dB @1 meter for up to three minutes, in alarm.
3. Supervised - transmits a check-in/status signal every 8 minutes indicating tamper state and battery status.
4. Dual tamper - provides detection for both wall and cover tamper.
5. Alkaline batteries - four years.

