

Clearway inView Visually Verified Alarm

Capture and send a collated clip of still images without the need for mains power



Overview

The Clearway inView Verified Alarm is a rapid installation and fully power-independent, high-spec, visually-verified alarm system. Upon activation it will take a series of still images of the cause of the activation, and collate them into a ten second clip and send it, with a notification, via the mobile network, to a predetermined recipient or our monitoring station.

The Verified Video system is most commonly used to provide notification of different activation types, such as human entry or wildlife, especially where false alarms may be prevalent, allowing the monitoring service to determine the appropriate action to be taken and/or the security service or police to be deployed.

Indoor and outdoor PIR camera sensors provide colour images in daylight / bright light and black and white images in low/ limited light via the in-built infrared lighting.



Why choose inView Verified Video?

- ✓ Ideal solution for where false alarms may be prevalent
- ✓ Wire-free battery operation, perfect for when no power source is available or cabling is impractical
- ✓ Remote monitoring to determine genuine activations
- ✓ Secure, tamper-proof batteries - alarms remain on high alert, 24/7/365
- ✓ Day time/bright light colour images provided
- ✓ In-built infrared for night time/low light imagery
- ✓ Battery life for all devices, including the control panel, is up to 4 years

Applications

The Clearway inView Verified Video Alarm system has many applications in commercial, industrial, retail and residential situations and is ideal for temporary sites, vacant properties, construction sites, boat yards, car parks and many other outdoor applications.

- Vacant properties, or new-build constructions in progress.
- Sites where it is complicated to install hardwired systems.
- Remote locations where mains power is unavailable.



Outdoor camera

The outdoor camera is wireless and battery operated, and is triggered by motion detection (infrared) or wired input activation.

The unit consists of a digital camera, passive infrared motion detector, and a radio module for communication with the control panel. When an input is triggered, the camera records the event as video verification, and communicates it to the control panel to send the capture, via the mobile network, to an Alarm Receiving Centre or to an individual.



Indoor camera

The indoor camera is wireless and battery operated. It is triggered by motion detection or wired input activation.

The unit consists of a digital camera, passive infrared motion detector, and a radio module for communication with the control panel. When an input is triggered, the camera records the event as video-verification, and communicates it to the control panel to send the capture, via the mobile network, to an Alarm Receiving Centre or to an individual.



Control panel

The control panel is the central hub for all sensors and remote devices, and is designed for securing a wide range of commercial properties.

The unit communicates with multiple sensors, remote keypad and keyfobs, and communicates with the mobile network to transmit any recorded activation content. This control panel can also be used as the hub of an existing alarm panel to enable video verification upgrade.



Technical information

Outdoor camera specifications

Camera Resolution	320 x 240 pixels
Camera Lens	90° wide angle lens
Motion Detection	Dual-element, passive infrared
Range	12m long, 90° coverage pattern
Night Illumination	Up to 12m. Four infrared LEDs
Transmission Security	AES Encryption
Physical Security	Tamper-proof casing
Transmission Security	AES encryption algorithm
Battery	Lithium. Typical life 4 years

Indoor camera specifications

Camera Resolution	320 x 240 pixels
Camera Lens	110° wide angle lens
Motion Detection	Dual-element, passive infrared
Range	12m long, 90° coverage pattern
Night Illumination	Up to 7m. Two infrared LEDs
Transmission Security	AES Encryption
Physical Security	Tamper-proof casing
Transmission Security	AES encryption algorithm
Battery	Lithium. Typical life 4 years

Control panel specifications

Arm/Disarm	Remote keypad, keyfob, app
Sensor range	Up to 250ft
Wireless zones	24
Access Codes	19 user / 1 installer
Transmission Security	AES Encryption
Physical Security	Dual tamper: wall and cover
External Communication	Mobile network or Ethernet
Internal Communication	915 MHz RF
Power	Four D-cell lithium batteries, plus back-up Alkaline batteries



Internal/external siren

The siren is battery operated, wireless, and designed for use with the video verified alarm systems.

The siren consists of a loud sounder and encrypted wireless circuitry for secure two-way communication with the control panel. Output level is 110 dB at 1 meter during 1.5 to 3 minutes in alarm.



Remote keypad

Alphanumeric battery operated, wireless keypad with built-in sounder for the video verified control panel.

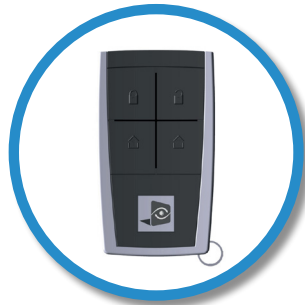
The keypad unit incorporates a two line, 16 character liquid crystal display, plus multi-function push buttons and panic assistance.



Remote keyfob

The four button remote keyfob is a battery operated, wireless remote control designed for basic remote operation of the alarm system.

Arming is confirmed by a red double flash from the built-in LED. Disarming is confirmed by a green double flash. A long press on button 1 or button 2 generates a siren or silent panic alarm.



Technical information

Internal/external siren specifications

Speaker	Integrated
Sound Output	110db at 1m for up to 3 minutes
Supervision	Transmits regular check-in/status
Physical Security	Dual tamper: wall and cover
Transmission Security	AES encryption algorithm
Battery	Alkaline D cell, 1.5v . 4 year life

Remote keypad siren specifications

Mobility	Program system remotely
Display	16 character, illuminated
Keypad	Illuminated, Alphanumeric
Sounder	Entry/exit and alarm sounds
Panic Assistance	Manual activation
Transmission Security	AES Encryption
Physical Security	Dual tamper: wall and cover
Battery	Lithium. Typical life 4 years

Remote keyfob specifications

Mobility	Control system remotely
Buttons	Arm/Disarm/Panic/Silent Panic
Dimensions	70mm x 40mm x 10mm
Transmission Security	AES encryption algorithm
Battery	Lithium CR3032, 5 year life

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About Clearway

Clearway is a leading commercial security services provider specialising in the protection of people, property and assets. Growing organically and via acquisition, Clearway is managed by an experienced team with proven industry success and a clear vision for growth.

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