PROFESSIONAL BUILDING
MANAGEMENT SOLUTIONS

INNERRANGE.COM

ABOUT US

Inner Range is a manufacturer and integrator of unified Video, Access Control and Security solutions. Founded in Melbourne, Australia, Inner Range has over 35 years of innovation and has more than 150,000 systems deployed globally.

We manufacture end-to-end solutions from the card you badge at one of our readers to the controller securing the door, right through to the enterprise security management software monitoring multiple sites anywhere in the world. Our scalable products are suitable for high-end residential, commercial and enterprise sites across verticals such as education, healthcare, government and critical infrastructure.

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We are passionate about empowering our customers to protect what they value most, their property, their possessions and most importantly – their people.

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Inner Range offers our partners a range of competency-based training courses to ensure the best experience with our products and outcomes for their customers. Additionally, our global support team ensures that any issues are resolved quickly with minimal impact to the end user.

From entry to enterprise, Inner Range provides an end-to-end security solution capable of addressing the most difficult building management needs, providing peace of mind for you and your people.

Our continual investment in research and development puts our products at the forefront of access control, security, video and smart building technology. We partner with best-in-class providers of adjacent technologies such as intercom, payroll, building automation and incorporate the latest in AI technology with solutions for facial recognition, biometrics, number plate recognition and many more. With over 130 native integrations to 3rd party systems and open integration pathways, we provide our customers with a unified system behind a single pane of glass.

UNIFIED
SOLUTION

Our professional unified video, access and security platform provides an end-to-end security solution that meets the demands of entry to large scale security deployments.

Building Automation

Cyber Secure

Mobile Credentials

Wireless Access Control

Elevator Management

Number Plate Recognition

Visitor & Site Management

Video Management

Biometric Credentials

Highly Encrypted

DESIGNED FOR
END USERS

Our Professional solution is the most user-friendly unified video, access control and security product on the market.

Implementing a security system, whether for homes or businesses, provides a range of benefits aimed at safeguarding people, property, and assets. Here are some key advantages of having a security system:

Deterrence of Criminal Activity

Visible security measures, such as surveillance cameras, alarm systems and signage, act as deterrents to potential criminals. Knowing that a property is protected can discourage unlawful activities.

Protection of Property and Assets

Security systems help safeguard valuable assets, including physical property, inventory and equipment. In the event of a security breach, alarms can alert authorities and owners, minimizing potential losses.

Enhanced Personal Safety

For homes, security systems contribute to the safety of residents by deterring burglars and providing quick response in case of emergencies. Businesses benefit from improved employee safety as well, creating a secure working environment.
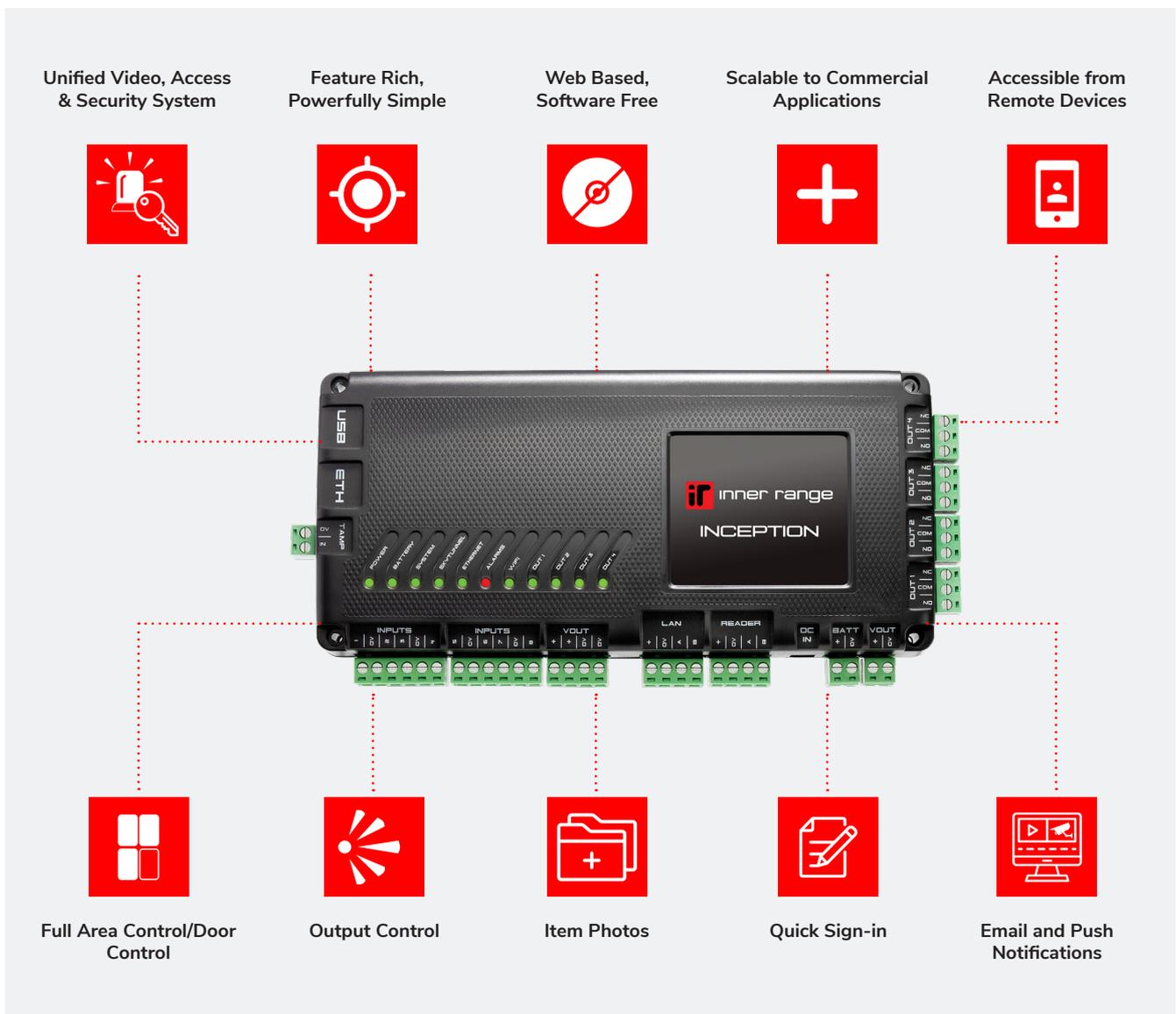

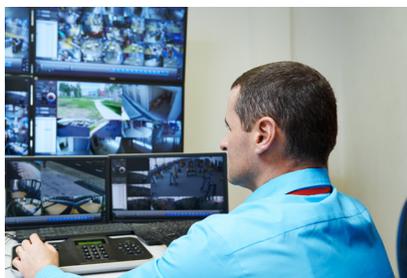| UP TO **128** DOORS	UP TO **256** OSDP READERS	UP TO **128** WIEGAND READERS	UP TO **96** AREAS	UP TO **10K** USERS
UP TO **1024** INPUTS	UP TO **1024** OUTPUTS	UP TO **32** ELEVATORS	INTEGRATES **TO** milestone	INTEGRATES **TO** Hanwha Vision WAVE

WEB POWERED
PLATFORM

Our Inception cloud-based security system offers greater flexibility, accessibility, and cost-effectiveness while maintaining high levels of security and reliability. It is a modern and efficient approach to meeting the dynamic and evolving needs of security in various environments.

The system is connected to your local network, meaning you can use almost any web-enabled device to access your system, including hard-wired desktop or Wi-Fi connected devices. Also supporting the Inner Range IR Connect app, which provides fully interactive control of the Inception platform security areas, doors and outputs.

Unified Video, Access & Security System

Feature Rich, Powerfully Simple

Web Based, Software Free

Scalable to Commercial Applications

Accessible from Remote Devices

Full Area Control/Door Control

Output Control

Item Photos

Quick Sign-in

Email and Push Notifications

PROFESSIONAL
SOLUTION

VIDEO

Streamline operations by linking access control and intruder events with video management. Control recordings and bookmark key events automatically, control access doors from live video views and much more.

AUTOMATION

Create automation for any situation with flexible trigger and action automation logic. Use a wide range of internal events, or events received from other systems, as the triggers to build complex logic with simple AND OR trigger definitions.

SMART BUILDINGS

With dedicated integrations for Control 4 and Nice automation systems, the Professional platform forms part of a complete smart building solution.

IR CONNECT

IR Connect provides simple end-user control in an intuitive app. Control system security, lock and unlock doors, and trigger automation from your smartphone, smart watch, or through Apple CarPlay and Android Auto.

SKYTUNNEL

IR SkyTunnel is a free cloud connectivity service that lets you easily connect to Inception Controllers and other Inner Range devices without the need for port forwarding or firewall setting adjustments.

ALARM REPORTING

IP-based alarm reporting to any Multipath equipped control room is a low-cost and convenient solution. For added redundancy, utilize an Inner Range dual SIM alarm communicator, which transmits alarms via IP and Cellular paths.

POWERFUL CONTROL,
ANYWHERE YOU GO

IR CONNECT

The IR Connect Mobile App delivers unmatched convenience and control for your Inner Range unified Access Control, Video Surveillance, and Security System, allowing you to operate your system remotely from anywhere in the world.
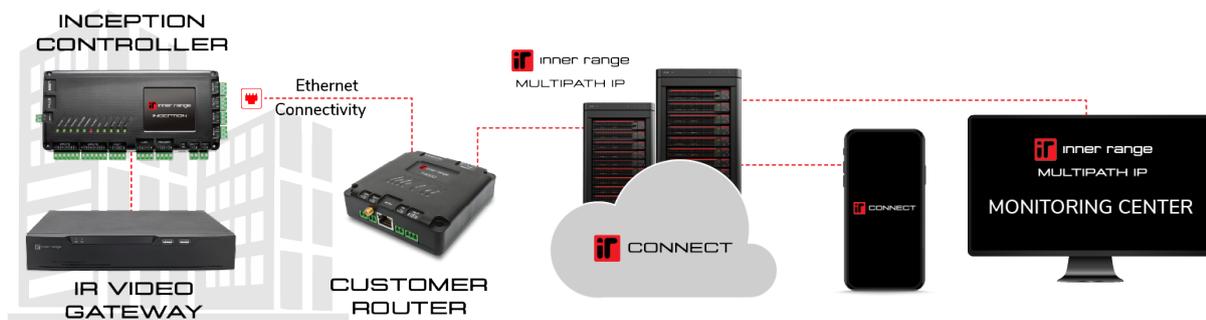
With IR Connect, you can monitor and manage your entire Inner Range solution in real-time, anytime, from your mobile device. Receive instant alerts for critical events, and take action quickly through a user-friendly interface designed for clarity, speed, and security.

Whether you›re managing multiple sites or safeguarding what matters most, IR Connect keeps you connected securely and effortlessly.

Compatible with:

- Instant notifications for alarm events to your mobile device
- Live video streaming and historic video playback via Inner Range Video Gateways
- Arm and disarm your security system remotely
- Remotely control doors and automation
- Real-time item state monitoring including security sensors
- Supports multiple sites and security areas
- Download historic recorded video clips

- Customise your favourite list for quick access to your most used items and personalise items with photos
- 'Drag and Drop' items to reorder lists
- Notification and alarm event history
- PIN or Biometric App entry and lock
- Control your system from your car using Android Auto or Apple Car Play
- Capture snapshot images and live video recordings

INCEPTION CONTROLLER

Ethernet Connectivity

inner range MULTIPATH IP

IR VIDEO GATEWAY

CUSTOMER ROUTER

inner range MULTIPATH IP
MONITORING CENTER

MOBILE
ACCESS

Utilizing smartphone Bluetooth technology for building access control revolutionizes traditional security measures, offering convenience and enhanced functionality. Users can seamlessly gain entry to buildings by simply approaching the access points with their smartphones, eliminating the need for physical keys or access cards. Mobile applications users can securely authenticate their identity, granting or revoking access permissions remotely with ease.

SMARTPHONE BLUETOOTH BUILDING ACCESS CONTROL

Inner Range streamlines the access process but also enhances security by leveraging smartphone features like biometric authentication or two-factor authentication for an additional layer of verification.

CYBER SECURE CLOUD DELIVERED

You can trust that your data is safeguarded, allowing you to focus on your core business objectives without worrying about security breaches or vulnerabilities.

SUBSCRIPTION FREE

You can enjoy peace of mind knowing that your systems are safeguarded against cyber threats without the commitment of ongoing subscriptions

TOUCH ACTIVATED ACCESS MODE

Touch activated access mode enables intuitive and secure entry by touching the reader with your hand whilst leaving your phone in your pocket or bag.

TWO-FACTOR AUTHENTICATION WITH BIOMETRICS

Two-factor authentication with biometrics enhances security by requiring both a fingerprint scan and a password for access.

CREDENTIALS SECURED

Credentials securely stored within the controller enhance data protection and access control measures.

USER
INTERFACES

USER INTERFACE

Providing a sleek, clear, concise and simple to use interface for the management of your unified security solution has been the primary design driver for the Inner Range Control Keypads.

These interfaces perform typical security operations including the control of security areas, door access, event activity review and controlling the state of the system automation outputs. A must have for every professional security installation to ensure complete control of your premises even when the power is out.

ACCESS CONTROL READERS & KEYPADS

The Inner Range Smart Card reader and keypad employs a high security communication protocol (AES 128-bit encryption) from credential (access card or fob) through to the access control system. This provides a far superior level of security than that of traditional access control card readers ensuring that only who is authorised to be onsite, is onsite. The Inner Range access control reader can be the single interface between your people and the sites access control and security system. This reader can unlock the door and disarm the burglar alarm system simultaneously or, by presenting the credential at the reader three consecutive times, you can lock the door and arm the burglar alarm system.

The Access Control Keypad adds an increased level of security by incorporating a PIN number with a credential (access card or fob). This creates a two-factor authentication for granting access to your building or a higher security area. This Keypad can also be used in "PIN only" or "credential only" mode. Rated for indoor or outdoor use with an IP67 weather resistant rating this Keypad increases the authentication levels required to gain access to your premises or controlling your security system.
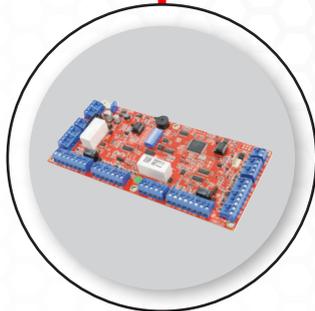
ACCESS CONTROL CARDS & FOBS

Inner Range credentials employ a high security communication protocol (AES 128-bit encryption) from credential (access card or fob) through to the access control system. This provides a far superior level of security than that of traditional access control credentials ensuring that only who is authorised to be onsite, is onsite.
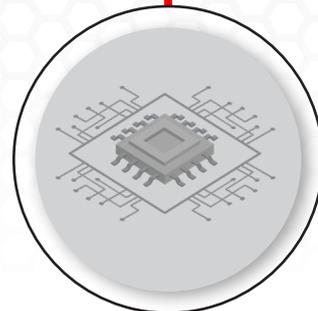
PLATFORM
ARCHITECTURE

SECURE

CONNECT

INCEPTION CONTROLLER

Intelligent Security Controller and Input Expansion Modules

STANDARD LAN ACCESS MODULE

2-door, 4 reader access module.

2,000 user cache for offline redundancy

USER INTERFACE

System Management, Accessing Doors, Arm/Disarm Security.

Build the professional platform with a range of Access, Video and Intrusion hardware modules.

Integrate video and other systems via IP and use the SkyTunnel connection logic to manage the system from any web browser.

VIDEO

MANAGEMENT SOFTWARE

Connect remotely to review, configure and control your unified solution.

EDGE CAMERAS

Video Gateways and Edge High Resolution Cameras with actionable Video Analytics.

MOBILE MANAGEMENT

Control, Access, Review, View and Monitor sites from Smart Mobile devices.

VIDEO GATEWAY

Connecting Edge Cameras and Stored Video to the IR Eco-system.

INTEGRATIONS

Use the free XML Rest API and custom webhooks to integrate any third party system with Inception.

VIDEO MANAGEMENT SYSTEM

The single pane of glass for controlling your Video, Access & Security System.

IR VIDEO
SURVEILLANCE

The Power of a Unified System

Managing an organization's security operations from a unified interface integrates various subsystems like Video Surveillance, Access Control, Intruder Alarms, and more, significantly reducing costs associated with human resources and managing disparate systems. An end-to-end solution harmonizes all subsystems, dramatically lowering total ownership costs. IR Video management consolidates thousands of cameras into a user-friendly interface, providing a clear view of your premises. It communicates with other security and smart building systems, offering live or archived footage and event reviews, such as door access or intrusions. The Inner Range unified security system provides comprehensive tools to protect your property, assets, and people.

Cyber Safe, IR Cloud Connected

Inner Range has made a significant investment in technology to ensure that all the connected devices in our eco-system are all routed through our cyber safe cloud service – IR Connect.

This Australian based service connects the IR Video Gateways and Edge Camera devices directly through to our mobile application in the same manner as our award-winning security controllers. All IR Video devices are installed safely and securely behind the network infrastructure and cyber security policies of the organisation they protect not leaving any system data or video footage exposed to cyber-attack in the cloud.

IR Connect Mobile App, Unified Video, Access & Security System

Remote connectivity is necessary tool for organisations to manage their onsite security solutions. The IR Connect Mobile App provides a simple and user-friendly experience allowing for complete remote analysis and control of your security system. IR Connect provides the following features.

- Arm & Disarm of the entire system or dedicated areas including the security devices and IR Video Edge Cameras that employ the Active Deterrence video analytic features.
- Receive push notifications of intrusion alarm events & associated video.
- Review live video and playback video events.
- Review the status and events in the systems event log
- Manage Users of the system.

Automated Firmware Updates

Like any internet connected device, Inner Range must ensure that the IR Video system remains current and up to date with all the latest cyber vulnerabilities. When an IR Video Gateway connects, through our IR Connect cloud service, we can detect what firmware version is currently employed. If there is a more recent update the user will be prompted to update with the latest firmware version which will seamlessly be downloaded to the IR Video Gateway. This ensures that the IR Video system is in the best position to ward off cyber-attacks and is running at the optimum level with new features and developments deployed.

Proactive Protection with Active Deterrence

Active Deterrence, when enabled and armed, allows events detected in the smart Edge Cameras to activate the flashing lights and activate the siren within the camera while at the same time send events to through the Video Gateway to notify the end user of the event. The events pushed through to the IR Connect Mobile App with attached video clips for alarm verification.
Some of the IR Video range of Edge Cameras are available with Active Deterrence and are capable of some or all of the analytics designed to detect.

- Humans
- Vehicles
- Line Crossing with direction

- Loitering & Intrusion
- Abnormal Sound Detection
- People Counting

Distributed Recording, Redundant Architecture

The IR Video system architecture supports connecting multiple Video Gateways, allowing decentralization of recording servers and eliminating single points of failure. Gateways ranging from 4 to 64 IP camera inputs can be deployed across different buildings and unified under a single interface via the IR Connect cloud service. This flexible and easy-to-configure setup can accommodate any deployment size, making it as simple to install as traditional NVRs.

IR VIDEO
HARDWARE

IR VIDEO GATEWAYS

Inner Range provides a range of intelligent Video Gateways that provide the link between our range of high-quality Edge Analytic Cameras and the entire Inner Range connected eco-system. Seamlessly connected through the IR Connect cloud service to both our Professional and Enterprise technology platforms, these Video Gateways provide actionable video, video analytics and Active Deterrence into the Inner Range eco-system creating an extremely cohesive unified security solution.

FEATURES:

- Video Gateways available in 4, 8, 16, 32, or 64 channels with various storage options.
- Connected to the IR Connect cloud service for seamless cloud integration.
- Automatic online firmware updates ensure the latest cybersecurity and features.
- Smart analytics are sent to Inner Range controllers for actionable system events.
- Gateways include Active Deterrence, with alarms communicated to controllers, software, and connected devices.
- Active Deterrence can be armed or disarmed via the IR Connect Mobile App.
- Additional Gateways can be added for failover support if one goes offline.
- Distributed Gateways reduce costs by saving on installation, cabling, and expensive servers.

4 CHANNEL

8 CHANNEL

16 CHANNEL

32 CHANNEL

64 CHANNEL

IR VIDEO EDGE ANALYTIC CAMERAS

IR Edge Analytic Cameras seamlessly connect to IR Video Gateways via the IR Connect cloud service, providing analytic events to Inner Range security controllers or the IR Connect Mobile App. Designed for situational awareness, these cameras come in various forms, colors, and lens configurations, with options for IR illuminators and dual IR/White Light for color night vision. The Active Deterrence feature can be armed/disarmed remotely through the app. Standardized at 8MP for high-quality images, these cameras can be downgraded to 6MP or 4MP to save on bandwidth and storage.

FEATURES:

- 8MP variants include Flateye Turret, Mini Dome, Dome, Motorised Dome, Bullet, Motorised Bullet, Panoramic Bullet.
- 12MP outdoor fisheye 360 degree camera.
- 5MP 7" 30x IR PTZ Camera with hybrid Dual Light capabilities.
- Active Deterrence available in fixed and motorised Flateye Dual Light Turret, fixed and motorised Dual Light Bullet, and the Panoramic Bullet.
- A wide range of mounting accessories and bracketry.

Active Deterrence

Activates camera sirens and flashes lights upon the detection of an intrusion, providing immediate alerts and visual deterrence to enhance security response and prevent unauthorized access.

Single & Double Line Crossing

By defining video barrier lines we can provide real-time warning when a human crosses one or two lines in a certain direction. This analytic can trigger alert notifications and increase security at the properties boundaries.

Loitering & Intrusion

Loitering and intrusion detection systems use advanced sensors and intelligent analytics to identify and alert on unauthorized presence or suspicious behaviour in real-time, enhancing proactive security measures.

Human & Vehicle Detection

Human and vehicle detection systems use cutting-edge AI and sensor technology to monitor and differentiate human and vehicular movement, enhancing intrusion detection, situational awareness and security response efficiencies.

People Counting

People counting systems use sophisticated sensors and algorithms to accurately track and analyze the number of individuals entering and exiting a facility, assisting crowd management and resource allocation.

Wrong Way

Wrong-way car detection systems use advanced sensors and AI to identify and alert on vehicles travelling in the wrong direction, preventing accidents and ensuring traffic safety.

ir inner range

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