



inner range

Access Control | Video Surveillance | Security Systems



**VIDEO
INTELLIGENT
SURVEILLANCE 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.

IR VIDEO EDGE ANALYTIC CAMERAS

IR Edge Analytic Cameras connected to IR Video Gateways, provide multiple analytic events, as alerts, to Inner Range's security controllers who manage communications of alarm events to central monitoring centres. By connecting the Video Gateways, and IR controllers, through the IR Connect cloud service and Mobile App all of the cameras, alarms, alerts and system control can be managed through a hand-held device.

Designed for situational awareness, these cameras come in various form factors, colors, and lens configurations, with options for IR illumination and dual IR/White Light for color night vision. Standardized at 8MP for high-quality images, these cameras can be downgraded to 6MP or 4MP to save on bandwidth and storage.

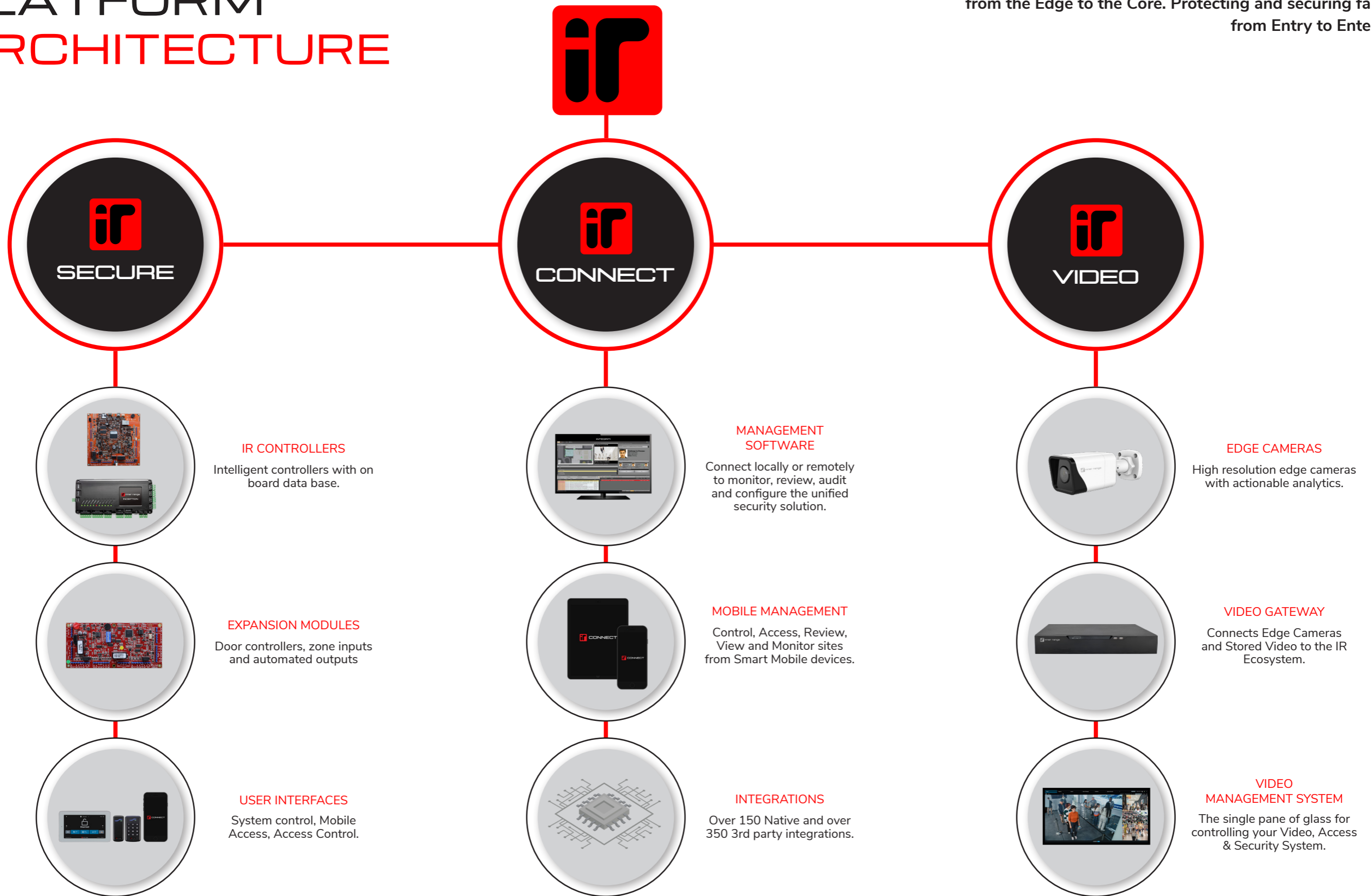
FEATURES:

- 8MP variants: Flateye Turret, Dome, Motorised Dome, Bullet, Motorised Bullet, Panoramic Bullet.
- 12MP outdoor fisheye 360 degree camera.
- 5MP 30x IR PTZ Camera with hybrid Dual Light capabilities.
- Active Deterrence: Flateye Turret, Dual Light Bullet, Panoramic Bullet.
- A wide range of mounting accessories and bracketry.



PLATFORM ARCHITECTURE

Access Control, Video Surveillance and Security Systems unified from the Edge to the Core. Protecting and securing facilities from Entry to Enterprise.



ACTIVE DETERRENCE

Active Deterrence is a proactive video security approach that not only detects potential threats but actively intervenes in real time to discourage unwanted behaviour before an incident escalates.

Rather than functioning solely as a recording tool, Active Deterrence shifts security towards prevention by responding immediately when defined rules or intrusions are detected.

KEY ELEMENTS:



AI-Based Detection

Intelligent analytics accurately identify people and vehicles while filtering out non-threat activity, reducing false alarms.



Visual Deterrence

High-intensity LED warning lights activate instantly to provide a clear on-site deterrent.



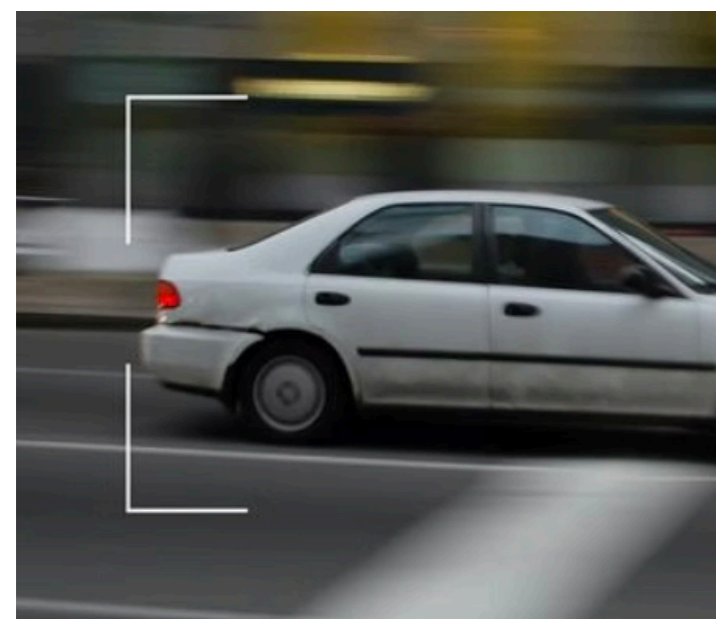
Audio Deterrence

Built-in speakers deliver sirens or custom voice warnings to discourage unwanted behaviour.



Customisable Alarm Strategies

Detection rules, lighting, and audio responses can be tailored to suit different environments and security needs.



INTENDED USE CASES:

Active Deterrence is suitable for a wide range of residential and commercial environments, including:

- Homes
- Warehouses
- Retail & Commercial Buildings
- Agriculture & Remote Infrastructure
- Logistics & Distribution Centers

These environments benefit from early intervention and reduced reliance on post-incident investigation.

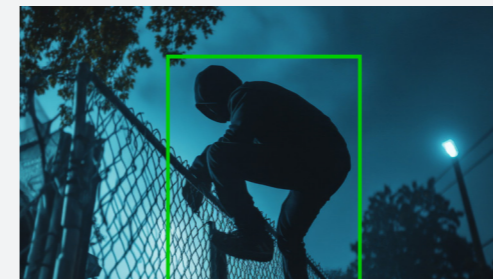
VIDEO AS A SENSOR

Video as a Sensor transforms cameras from passive recording devices into intelligent security sensors. Using advanced video analytics, cameras continuously analyse activity within defined areas and detect security-relevant events in real time.

Instead of relying solely on traditional inputs, video becomes an active source of intelligence generating actionable system triggers that drive alarms, alerts, and automated responses across the wider security eco-system.



WATCH VIDEO



“Video becomes an active security input, not just evidence.”

Video analytics transform visual data into real-time, actionable events that can be acted upon immediately. By continuously monitoring movement, behaviour, and defined rules, the system delivers faster awareness and smarter automation.

Analytic alarms are communicated to security monitoring centers to enable more efficient, proactive security operations, reduces reliance on manual monitoring, and eliminates the need for additional movement sensors while, simultaneously, improving overall response and control.



INTELLIGENT EVENT DETECTION

Video analytics detect security-relevant events such as intrusion, line crossing, loitering, wrong-way movement, and human or vehicle presence. Events are generated instantly when defined rules are triggered, ensuring timely and meaningful alerts.

REAL-TIME SYSTEM RESPONSE

Detected video events can trigger alarms, alerts, and automated actions across connected systems. This enables alarms to be communicated to security monitoring centers for immediate response, improves situational awareness, and supports coordinated security operations across sites.

EDGE-BASED INTELLIGENCE

Analytics are processed directly at the camera, ensuring fast performance, reduced network load, and reliable operation even in distributed or bandwidth-limited environments.

SEAMLESS SYSTEM INTEGRATION

Video events integrate seamlessly with access control, alarms, cloud services, and mobile platforms, enabling coordinated actions and a unified security response across the entire system.

PROACTIVE OPERATIONAL INSIGHTS

By converting video activity into actionable data, Video as a Sensor supports proactive decision-making, improves operational awareness, and enhances security efficiency without adding extra 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.
- Connected to the IR Connect cloud service for seamless cloud integration.
- 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.
- 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 FEATURES

IR Video delivers a powerful, integrated approach to modern security. With advanced connectivity through cloud and mobile platforms, intelligent video analytics, and built-in active deterrence, it ensures proactive protection for any environment.



IR Connect Cloud



IR Connect Mobile



Smart Video Analytics



Multiple Video Gateways



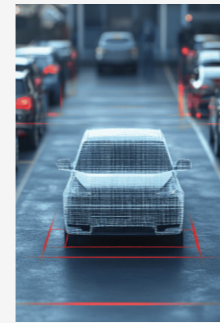
Cost-Efficient Deployment



Firmware Updates

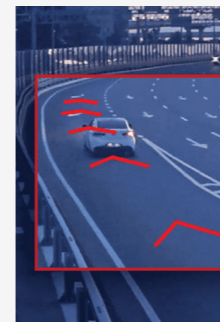
SMART DETECTION & ANALYTICS

VEHICLE-CENTRIC VIDEO ANALYTICS



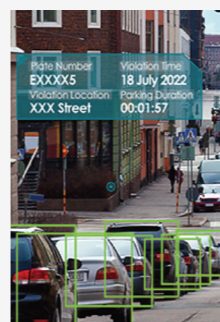
VEHICLE DETECTION

Our advanced vehicle detection systems leverage AI-driven analytics and high-precision sensors to identify and classify vehicles in real time. These solutions improve traffic flow management, strengthen perimeter security, and enable proactive threat detection.



WRONG WAY

By defining virtual barrier lines, the system provides real-time alerts when someone crosses restricted zones. Turn simple boundaries into powerful security measures for complete control of your property. Ensure every movement is monitored for maximum protection and confidence. Quick setup makes it easy to secure any space.



ILLEGAL PARKING

Configured systems can instantly recognise vehicles parked in restricted zones and trigger automated alerts. This capability helps enforce parking regulations, reduce congestion, and maintain safety standards. Combined with real-time notifications, it supports law enforcement in streamlining compliance.



SINGLE & DOUBLE LINE CROSSING

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

HUMAN-CENTRIC VIDEO ANALYTICS



FACE & HUMAN DETECTION

Combines human presence and face detection to drive actions based on the presence of individuals in a specified area. Triggers instant alerts to security monitoring centers and automated responses to connected devices to keep premises safe and operations smooth.



LOITERING & INTRUSION

Detection systems combine intelligent analytics and sensors to identify unauthorised presence or suspicious behaviour instantly. Stay protected with technology that spots risks before they escalate, giving you peace of mind. Enhance your property's safety with proactive alerts that keep threats at bay.



LINE CROSSING

The system generates real-time alerts whenever a defined line is crossed, helping monitor restricted or sensitive areas effectively. This feature enables instant detection of boundary breaches, turning simple lines into reliable security controls. Ideal for pathways, perimeters, and access points, line crossing enhances site awareness and protection.



PEOPLE COUNTING

AI sensors and algorithms accurately monitor entry and exit points. It provides detailed analytics on visitor trends, peak hours, and occupancy levels, enabling better resource allocation and crowd control. Ideal for retail spaces, transport hubs, and event venues, this solution enhances operational planning.

INDUSTRY SOLUTIONS



Commercial & Enterprise Buildings

- A single premises to multi-site deployments, the IR Connected ecosystem unifies Access Control, Video Surveillance and Intruder alarms.
- Monitor multiple sites from a single platform.
- Active deterrence reduces incidents before escalation.



Retail & Hospitality

- People counting for occupancy insights
- Illegal parking and loitering detection
- Proactive loss prevention with AI analytics
- Line Crossing & Loitering analytic to provide early actionable insights to identify persons on site.



Healthcare Facilities

- Controlled access to sensitive zones
- Video as a Sensor for restricted-area monitoring
- Improved situational awareness without adding hardware



Education Campuses

- Real-time intrusion detection & perimeter protection.
- Mobile alerts for faster response by security teams.



Critical Infrastructure & Government

- NDAA-compliant video surveillance
- Secure cloud connectivity with data sovereignty
- Trusted for high-security, regulated environments

Designed to protect everything from homes to critical infrastructure, the platform adapts seamlessly to diverse environments.

Intelligent video, unified control, and scalable design deliver the right level of security wherever it's deployed.

POWERFUL CONTROL, CONNECT ANYWHERE



IR Connect is a highly secure, encrypted cloud connection service that delivers unmatched convenience and control for the Inner Range unified Access Control, Video Surveillance, and Security Systems allowing you to operate your system remotely from anywhere in the world.

IR Connect monitors and manages the entire Inner Range solution in real-time, anytime, from any mobile device. Receive instant alerts for critical events and take quick action through a simple, user-friendly interface that has been designed for clarity, speed, and security.

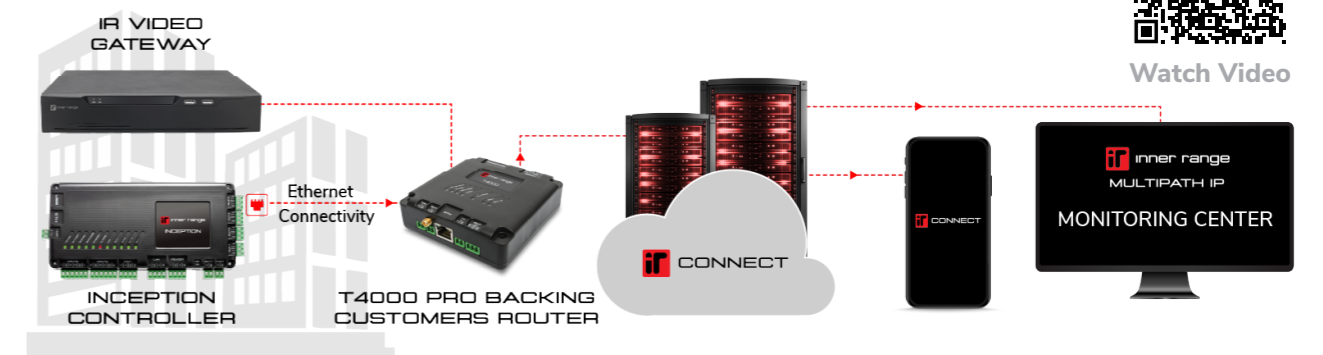
Managing multiple sites and safeguarding what matters most, the IR Connect cloud services ensures constant connection securely and effortlessly.

Video Analytic alarms are communicated to IR Multipath IP enabled security monitoring centres.



Compatible with:  

- ✓ Instant notifications for alarm events to your mobile device
- ✓ Live video streaming and historic video playback
- ✓ 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



SECURITY AND COMPATIBILITY

NDAA COMPLIANT

Inner Range Video is fully compliant with the U.S. (NDA), meeting strict supply chain and cybersecurity requirements.

- Approved for use in critical infrastructure and government facilities
- Trusted by defense, government, and enterprise sectors globally

Our NDA-compliant solutions ensure your surveillance system is secure, transparent, and meets top cybersecurity and supply chain standards.

UNIFIED WITH THE IR ECO-SYSTEM

IR Video is fully IR Ready pre-configured and optimized for seamless compatibility with Integriti and Inception platforms. This means:

- Faster, easier installation with factory-set components
- Guaranteed smooth communication with Inner Range controllers and alarms Unified control of video, access, and alarms in one simple interface

IR Ready turns IR Video into a true extension of your Inner Range security ecosystem powerful, effortless, and fully connected.

SUPPORTS INTEGRITI & INCEPTION

IR Video integrates seamlessly with Inner Range's Integriti and Inception platforms, unifying video, access control, and alarms into one easy-to-use interface. This ensures streamlined management and quick response, whether on mobile, desktop, or enterprise systems.

GLOBAL CLOUD CONNECTED

IR Video leverages IR Connect's secure Global cloud platform to provide seamless, reliable remote access and management of your video surveillance system. This connection ensures your footage and controls are always available whether on mobile, desktop, or integrated into your wider Inner Range ecosystem while maintaining data sovereignty and fast, secure communications.



**INTEGRITI
INCEPTION**

ir CONNECT

VIDEO | CAMERAS

Type	Available Colour	Indoor/ Outdoor	Resolution FPS	Lens	Infra-Red Range	LED White Light	IP/IK Rating	Horizontal Field of View	Object Detection	Analytics	Microphone	Speaker
IR-V-CBD-100	White	Outdoor	8MP @ 25fps	Fixed 2.8mm	30m	-	IP67, IK10	106° Deg	✓	✓	-	-
IR-V-CBD-120Z IR-V-CBD-120ZB	White / Black	Outdoor	8MP @ 25fps	Varifocal Lens 3.6-11mm	40m	-	IP66, IK10	47° - 110° Deg	✓	✓	-	-
IR-V-C8D-110	White	Outdoor	8MP @ 25fps	Fixed 2.8mm	30m	-	IP67, IK10	106° Deg	✓	✓	-	-
IR-V-CBB-100	White	Outdoor	8MP @ 25fps	Fixed 2.8mm	30m	-	IP67	106° Deg	✓	✓	-	-
IR-V-CBB-120Z IR-V-CBB-120ZB	White / Black	Outdoor	8MP @ 25fps	Varifocal Lens 3.6-11mm	70m	-	IP66	47° - 110° Deg	✓	✓	✓	-
IR-V-CBT-100B IR-V-CBT-100	White / Black	Outdoor	8MP @ 25fps	Fixed 2.8mm	40m	-	IP66	106° Deg	✓	✓	✓	-
IR-V-CBT-101	White	Outdoor	8MP @ 25fps	Fixed 4mm	40m	-	IP66	90° Deg	✓	✓	✓	-
IR-V-CBT-120Z IR-V-CBT-120ZB	White / Black	Outdoor	8MP @ 25fps	Varifocal Lens 3.6-11mm	50m	-	IP66	47° - 110° Deg	✓	✓	✓	-
IR-V-CBT-200 IR-V-CBT-200B	White / Black	Outdoor	8MP @ 25fps	Fixed 2.8mm	40m	✓	IP66	106° Deg	✓	✓	✓	-
IR-V-CBT-200Z IR-V-CBT-200ZB	White / Black	Outdoor	8MP @ 25fps	Varifocal Lens 3.6-11mm	50m	✓	IP66	47° - 110° Deg	✓	✓	✓	✓
IR-V-CBT-200Z IR-V-CBT-200ZB	White / Black	Outdoor	8MP @ 25fps	Varifocal Lens 3.6-11mm	50m	✓	IP66	47° - 110° Deg	✓	✓	✓	✓
IR-V-CBB-200Z IR-V-CBB-200ZB	White / Black	Outdoor	8MP @ 25fps	Varifocal Lens 3.6-11mm	60m	✓	IP66	47° - 110° Deg	✓	✓	✓	✓
IR-V-C8S-100	White	Outdoor	12MP @ 25fps	Fixed Fisheye	15m	-	IP66	360° Deg	✓	✓	✓	-
IR-V-CBB-130	White	Outdoor	8MP @ 15fps	Fixed 180	30m	✓	IP66	180° Deg	✓	✓	✓	✓
IR-V-CSP-10030X	White	Outdoor	5MP @ 25fps	PTZ 30X Zoom	150m	✓	IP66	2.5° - 56° Deg	✓	✓	-	-



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