iVSEC
INTELLIGENT VIDEO SECURITY

LX-SERIES

iVSEC
CATALOGUE

Surveillance technology to provide you
with unparalleled peace of mind and protection

ABOUT US

Unparalleled peace of mind and protection

iVSEC, a prominent brand in quality surveillance solutions, emerged from the AUTREX group in 1991. We distribute our products globally, offering intelligent video security solutions for diverse customers, including corporate security firms, commercial establishments, and residential users. Our reliable and easy-to-install product solutions cover security cameras, recorders, and analytics, catering to various budgets. All our products comply with the John S. McCain National Defense Authorization Act (NDAA) and operates as a wholly owned subsidiary of Media Hub Digital Smart Home Pty Ltd, an Australian-owned company.

iVSEC — INTELLIGENT VIDEO SECURITY

PROUDLY WHOLLY AUSTRALIAN OWNED

NDAA Compliant

What iVSEC offers you

- **Trusted and locally tested products**
- **Free video management software**
- **Local technical support** 1300 146 373
- **Integrates into Google & Alexa**
- **Free mobile phone app**
- **NVR Storage Calculator**

Making it easier for you

Drop Shipping
Dropship deliveries and VIP Point to Point services available

Centralised Warehousing
NSW, SA, VIC and QLD

Editable Marketing
Easily add your own companies details to brochures and flyers

iVSEC FIXED CAMERAS

Capture Clarity in Every Detail

Experience uncompromising surveillance with iVSEC's line of fixed cameras. These cameras are meticulously engineered to deliver clear and focused images in various lighting conditions. From indoor to outdoor applications, iVSEC fixed cameras provide reliable monitoring for any environment, ensuring you never miss a moment.

Rare Sound Detection

IP66 Rated

ONVIF / RTSP Compatible

Dropbox Support

3YR **3 Year Warranty**

White Light

Up to 3 Streams

Voice Prompt (MP3)

Bestsellers

Available from 5MP - 12MP

NC110ADX

NC323ADX

NC340ADX

+ many more

Scan to see the full range!

iVSEC SPECIALTY CAMERAS

For When You Just Need Something Extra

Enhance your surveillance with iVSEC's thermal and panoramic cameras. Thermal cameras capture clear images in darkness and adverse weather, while panoramic cameras provide comprehensive coverage, eliminating blind spots. iVSEC offers unmatched security and peace of mind.

Two Channel Recording

Advanced FPS

Dual Lens for Maximum Coverage

Up to 30M IR

180° Field of View

Fire Detection

Human Tracking

Mobile App Control

Bestsellers   *Available from 5MP - 8MP*

NC620XA

NC543ADX

NC544ADX

+ many more

Scan to see the full range!

iVSEC MOTORISED CAMERAS

Empowering Flexibility and Precision

iVSEC's motorised cameras offer a dynamic approach to surveillance, allowing you to remotely adjust their field of view and focus. These cameras provide the flexibility needed to cover large areas and capture intricate details. Elevate your security setup with iVSEC's motorised cameras and stay in control at all times.

- **Siren & Strobe Lights**
- **Motorised Lens**
- **3 Year Warranty**
- **Large IR Range**
- **Video Management Software**
- **Advanced FPS**
- **iVSEC Mobile App**
- **API Support**

Bestsellers

IR range from 30m-80m

NC312ADX

NC512ADX-BLK

NC528XD

+ many more

Scan to see the full range!

iVSEC 360 & PTZ CAMERAS

Flexibility and Precision in Every Frame

Immerse yourself in comprehensive surveillance with iVSEC's 360-degree and PTZ (Pan-Tilt-Zoom) cameras. These cutting-edge cameras offer unmatched coverage, enabling you to monitor wide areas or adjust the view after installation without the need to physically move the camera, and zoom in on specific points of interest with precision.

Pan Tilt Zoom

Advanced FPS

Up to 142mm Lens (2.4°)

Up to 150M IR

I/O Trigger Presets

Patrol Mode

Human Tracking

Mobile App Control

Bestsellers

2.8mm-142mm lenses available

NC550ADX

NC691XA

NC541XA

+ many more

Scan to see the full range!

iVSEC NVRs

Safeguarding Your Footage

iVSEC's network video recorders (NVRs) are the backbone of your security system. These devices ensure smooth video storage, management, and retrieval, allowing you to access your footage whenever and wherever you need it. Discover the reliability and convenience of iVSEC's NVRs, tailored to complement your surveillance setup.

- Remote Arming Capabilities
- Event Triggered Recording (ETR)
- Video Management Software
- PoE+
- Multi-Bay (1-16 bays)
- **24TB** Up to 24TB per HDD bay
- Up to 8K HDMI
- API Support

Bestsellers

Available between 8-256 channels

NR308XC

NR6324XB

NR6644EX

+ many more

Scan to see the full range!

iVSEC KITS

All-in-One Solutions for Your Peace of Mind

Explore our range of iVSEC camera kits designed to offer comprehensive security solutions with higher demands on AI. These kits combine excellent components such as Sony image sensor and dedicated AI chipsets in most cameras. Whether you're looking for a basic setup or a more advanced system, iVSEC Kits deliver peace of mind in a single package.

Advanced Deterrent

AI for Human & Vehicle Tracking

Siren & Strobe Lights

Two-way Audio

Full Colour at Night

Face Recognition

License Plate Recognition

Micro SD Card (ETR)

Bestsellers

Starting at 128Mbps bandwidth for cameras

IVK-29A

IVK-51A

IVK-55A

+ many more

Scan to see the full range!

LX-SERIES FIXED CAMERAS

Capture Clarity in Every Detail

Explore LX-Series fixed cameras, designed to deliver consistent and clear visual monitoring across various settings. From indoor to outdoor scenarios, the LX-Series fixed cameras provide reliable surveillance to help you to protect and monitor your surroundings. Invest in surveillance solutions that guarantee reliable performance.

- **Schedule Advanced Deterrent**
- **IP66 Rated**
- **Siren & Strobe Lights**
- **ONVIF / RTSP**
- **3YR** **3 Year Warranty**
- **NDAA** **NDAA Compliant**
- **iVSEC Mobile App**
- **Dropbox Support**

Bestsellers

100% compatible with iVSEC range

NC000XA

NC119XA

NC319XA

+ many more

Scan to see the full range!

LX-SERIES NVRs

Safeguarding Your Footage

Harness the efficiency of LX-Series network video recorders (NVRs), meticulously engineered to centralise your video data management. These NVRs serve as the heart of your system, orchestrating intelligent recording, seamless storage, and effortless access to your footage. Take command of your video data with precision and ease.

- Easy to use Interface
- Plug and Play
- Video Management Software
- NDAA Compliant
- Remote Arming Capabilities
- PoE+
- iVSEC Mobile App
- API Support

Bestsellers

Up to 10TB HDD can be installed

NR004XA

NR008XA

NR316XC

+ many more

Scan to see the full range!

LX-SERIES KITS

All-in-One Solutions for Complete Security

Discover the LX-Series camera kits, offering a comprehensive solution for your surveillance needs. These kits combine essential components to provide a complete security setup that ensures your peace of mind while fitting in with your budget. Explore the versatility and effectiveness of our kits for your monitoring requirements.

- Plug and Play
- Blue/Red Deterrent Lights
- White Lights
- Two-way Audio
- Smart Motion Detection
- Easy to use Interface
- IP66 Rated
- iVSEC Mobile App

Bestsellers *Compatible between 4MP - 8MP cameras*
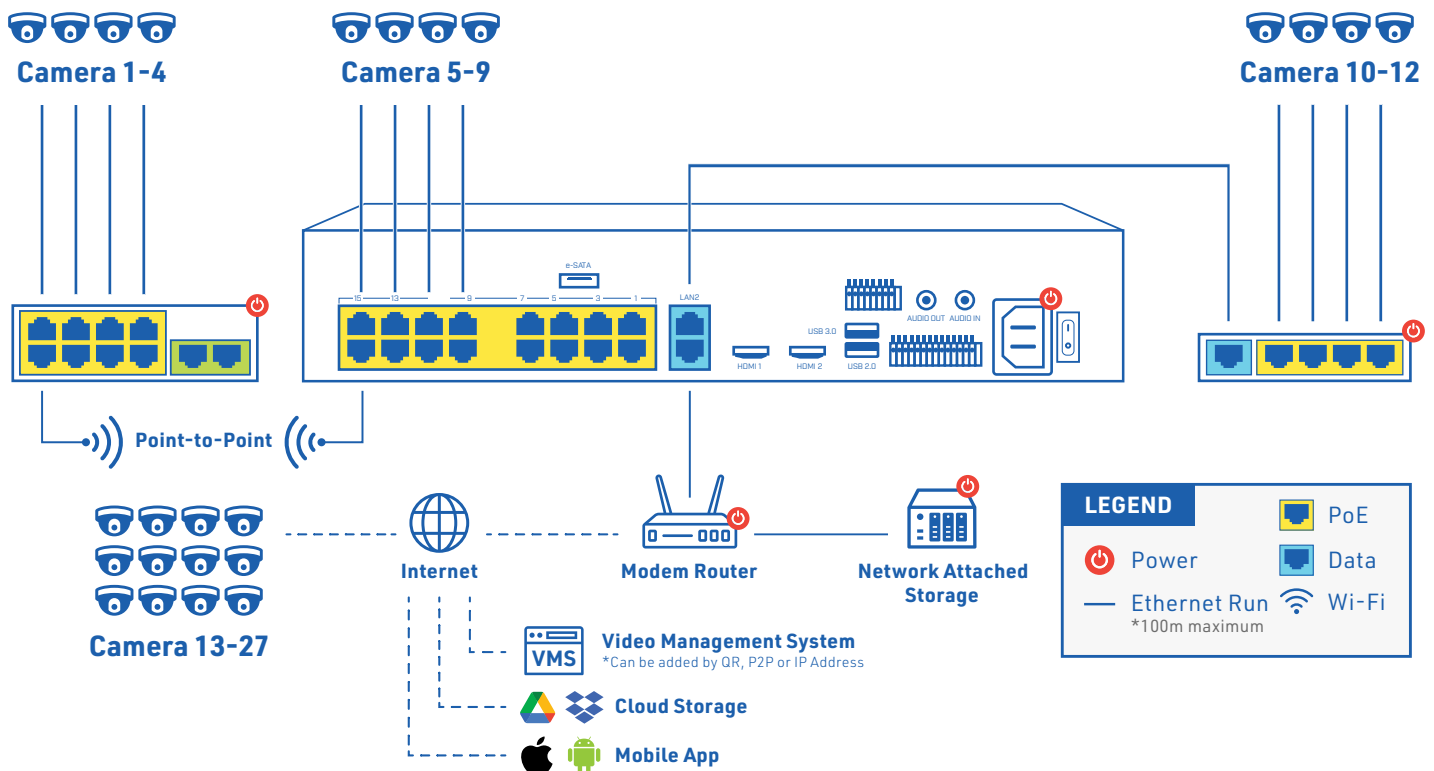
LVK-0008

LVK-119

LVK-319

+ many more

Scan to see the full range!

HOW IT WORKS?

32 Camera Wiring Diagram

Camera 1-4

Camera 5-9

Camera 10-12

e-SATA

15   13   9   7   5   3   1   LAN2

AUDIO OUT   AUDIO IN

HDMI 1   HDMI 2   USB 2.0

USB 3.0

Point-to-Point

Camera 13-27

Internet

Modem Router

**Network Attached
Storage**

LEGEND		PoE
Power		Data
Ethernet Run		Wi-Fi
*100m maximum		

Video Management System
*Can be added by QR, P2P or IP Address

VMS

Cloud Storage

Mobile App

HTTP / Webhook / API

With the latest firmware update of the iVSEC cameras and NVRs, the ability to seamlessly integrate and control IoT devices around your premises with iVSEC's HTTP Webhook API integration. The iVSEC range now offers effective control and automation, meaning your security system just got a whole lot smarter!

Examples of what you can achieve:

· Automatically unlock a door using Facial Recognition.
· Open your business gate/garage with License Plate Recognition.
· Trigger external lighting upon detecting perimeter intrusion.
· Manually trigger third party device easily from inside the iVSEC X App.

Let iVSEC take your security to the next level!

Storage Calculator

When it comes to ensuring your CCTV retention needs, let iVSEC help plan your CCTV storage requirements.

Both Single and Hybrid calculations can be done using the iVSEC Storage Calculator, for those tricky multi-parameter jobs.

Check out our CCTV Storage Calculator on our website!

www.ivsecurity.com.au/storage-calculator/

*The values generated are for planning purposes only. For more personalized suggestion, please contact our team.

Siren **Flashing Lights** **Scheduling Assistant**

ADVANCED DETERRENT OVERVIEW

Advanced Deterrent is a cutting-edge feature in the iVSEC range of CCTV cameras designed to actively prevent and deter potential criminal activity. This technology incorporates several key elements: White Light, Red/Blue Strobing Lights, and a Siren; all of which can be programmed via a schedule.

The White Light function serves as a powerful spotlight, illuminating the area and deterring intruders by exposing them. It provides a clear, visible warning that the area is under surveillance, making potential unwanted persons to think twice before proceeding.

The Red/Blue Strobing Lights add an extra layer of deterrence by mimicking the visual signals used by police that reinforces the presence of security in the area. The flashing lights can be set to activate during specific times or in response to certain triggers, such as motion detection, enhancing the camera's effectiveness in real-time threat management.

Additionally, the Siren feature provides an audible alert that can scare off intruders and attract attention to the area. This can be a pre-recorded message, alert tone, or any other audible deterrent for scare off intruders.

By allowing these features to be programmable via a schedule, Advanced Deterrent ensures that the security measures are active during the most vulnerable times, offering tailored protection based on the specific needs of the property. This comprehensive approach not only helps in preventing incidents but also increases the likelihood of capturing clear, actionable footage if a breach does occurs.
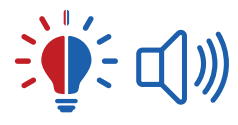
Without iVSEC App

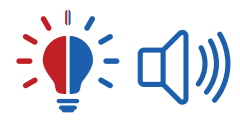Uses AI Analytics → Checks if Active Deterrent Schedule is currently running → Triggers Red/Blue Lights and Speaker Alarm

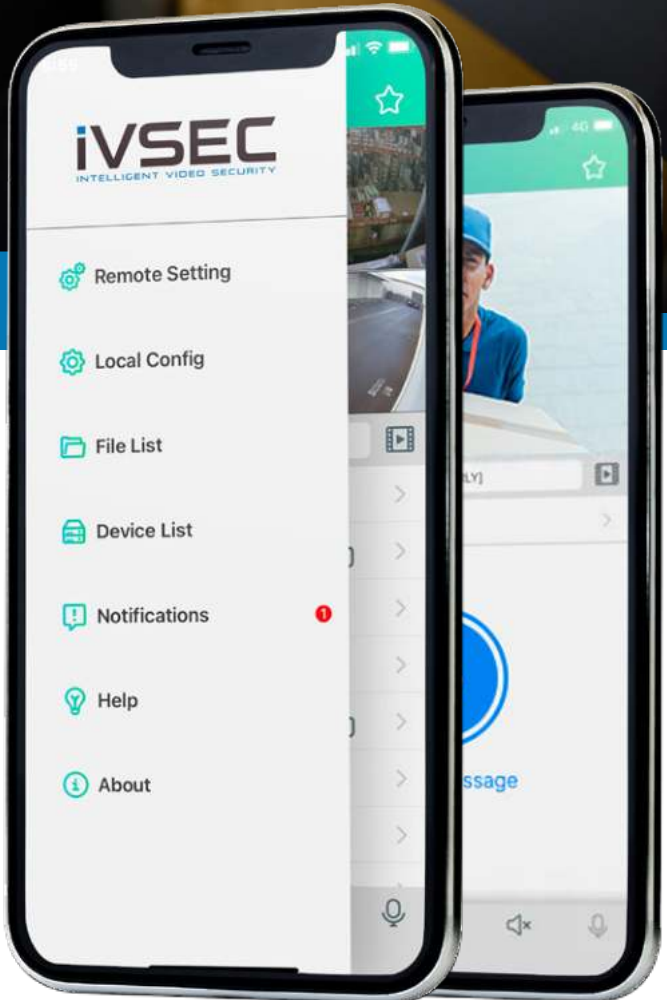**With iVSEC App**

Open iVSEC App and tap the Active Deterrent button for camera → Triggers Red/Blue Lights and Speaker Alarm

iVSEC X Mobile App

Your Security Partner

iVSEC X is your ultimate mobile surveillance solution at your fingertips. Designed for seamless integration with your CCTV system, iVSEC X offers unparalleled convenience, allowing you to monitor your NVR and cameras from anywhere in the world. With a user-friendly interface, you can effortlessly view live video feeds, playback recorded footage, and receive instant push notifications.

The app's customisable notification settings ensure you never miss a critical moment. Secure, reliable, and easy to use, iVSEC X allow you to take control of your security, providing peace of mind and safeguarding what matters most.

- Easy to trigger alarm
- Free download
- Push Notifications
- Comparable NVR features
- Easy to arm and disarm
- Search and playback

GET IN ON **Google Play**

Download on the **App Store**

www.ivsecurity.com.au

GLOSSARY

ONVIF

ONVIF is a global and open industry forum with the goal of facilitating the development and use of a global open standard for the interface of physical ip-based security products. ONVIF creates a standard for how ip products within video surveillance and other physical security areas can communicate with each other.

To future proof and integrate, only use a camera with ONVIF. Do not assume every IP camera has ONVIF. Every iVSEC camera does.

CHOOSE POE IP CAMERAS

PoE stands for power over ethernet. It will run both power and data over CAT5 and greater. iVSEC has an EPoE software function that will extend the cable length well over 200m (reduce bandwidth to 10MB). If you do have old coax infrastructure, you can still use IP cameras by adding an EOC (ethernet and power over coax unit - IV2WIREKIT). Old analogue BNC over coax will become obsolete. iVSEC NVRS run up to 30 watts PoE port.

This creates some fantastic networking opportunities. Please call us for further details.

FIELD OF VIEW

Choosing the right horizontal field of view can make or break an install. If there is an obstruction with a motorised lens, you can zoom past that and put more pixels on the target. Maybe the gate entry is too far away, or the side of a premises to narrow for a wide-angle view? You might need to optically adjust the angle captured.

For every iVSEC network video recorder sold, we sell at least 65% more motorised zoom lens cameras.

PPM

Pixels per metre is a metric for specifying digital video image quality for the surveillance industry. The higher the PPM value, the higher the images quality of that specific region. This is not a guarantee on contrast or sharpness of an image, these are controlled by the cameras sensor chip.

IR RANGES

The IR range is the maximum distance the IR illuminators can "see" - this is a subjective assessment by manufacturers. A fixed lens camera should have an IR to match the lens. A motorised lens camera will have a larger IR illuminator to match the distance of the lens zoomed in. We test the cameras in Australia to confirm the specifications and match these to the installers to enable firmer quoting through to the end user. If you want better IR, choose a motorised lens. Also avoid battery powered cameras, as good IR will drain the batteries.

WHITE LIGHT / FULL COLOUR

White light LEDs for full colour recording at night time, this can be set via a schedule (7-PM-7AM) or triggered by other events such as motion detection.

PIR

A built-in PIR sensor can trigger recording (up to 10m at 120 degrees). There are many ways to trigger recording, but the PIR gives the least amount of false notifications. This can save a huge amount of storage, and makes it faster to find the events which really matter. This can save a huge amount of storage and makes it faster to find the events which really matter.

OUTDOOR CAMERA

Every iVSEC camera is rated for external use. They are at least IP66 and can withstand -10 ºC to 55ºC. Most are now rated for -30 to +55°C.

RESOLUTION: 4MP or 12MP?

A camera's resolution is the number of pixels it outputs, not a measurement of how much detail it captures! Reasons include - sensor limitations, cheap lens, use of interpolation, too much noise. For example, the iVSEC 8MP NC323 range uses a SONY STARVIS image senor which gives a noticeably superior, cleaner image in low light, with less noise compared to some other 8MP cameras.

CYBER SECURITY – VLAN AND IP ADDRESS FILTERING

One of the benefits to using an iVSEC IP video surveillance system, is that the cameras automatically sit on a separate IP address range, protected in the VLAN (POE ports have a different address to the main NVR). This is plug and play with some network security protection.

You can also set IP address filtering, so only some set devices can transmit/receive from the NVR.

iVSEC has been installed in Australian government and critical infrastructure facilities.

IVS ANALYTICS

iVSEC (Intelligent Video Security) has some IP cameras with analytics such as – Perimeter intrusion detection, line crossing detection, stationary object detection, pedestrian detection, face detection, face recognition (allow list, block list, stranger, or create your own), cross counting, human and vehicle detection.

Please check the online data sheets to see what IVS are available for each camera.

QR CODE OR PORT FORWARDING

When setting up the free mobile phone app, you can choose to either scan the QR code - and magic technology will start streaming footage to your phone - or take the traditional route, and add devices via port forwarding

ALARM RELAYS

Simple alarm input relays (normally open/closed) can trigger events such as – Buzzer, alarm outputs, camera channels to display an alert or full-screen the triggered camera, send emails, send pictures or footage to FTP, send pictures or video to cloud, send push notifications for I/O to the phone app.

Do not limit your NVR by not having the relay option.

VIDEO MANAGEMENT SOFTWARE

Recently updated to VMS 2.0. This software aggregates NVR/IP cameras easily, for example pooling viewable camera channels from across multiple separate business sites. It comes with many excellent, easy to use features.

No subscription or licensing fees. Fantastic free software with the iVSEC range.

CLOUD SERVERS

Supports exporting images or footage to Google Drive, or Dropbox. Options for Automatically overwriting, or restricting stored footage to 1, 3, 7, 14, 30 or 90 days.

UPDATED FIRMWARE FROM AUSTRALIAN SERVERS

You can set the NVR to automatically detect free firmware updates from iVSEC's Australian servers, this can be done at the click of a button. Feedback is welcomed and helps us grow.

Please call our product manager Blair on 0419 111 006.

iVSEC X MOBILE APP

This new and powerful smart phone application will easily connect by just scanning the QR code on the NVR.

Very similar settings to the HDMI/VGA output direct from the NVR.

Turn on/off push notifications from your phone for the NVR and/or individual cameras. Super easy for the end user to control.

HTTP/API AVAILABLE UPON REQUEST

For extra integration please reach out for iVSEC API, we are more than happy to work with our partners for high level integration and compatibility.

ETR

When Event triggered Recording (ETR) function is enabled it allows you to choose a lower FPS (frames/ photos per second) for normal recording (24/7) and a higher FPS for alarm triggered recording (AI such as human and vehicle detection). This will greatly increase your footage storage time while retaining 24/7 recording.

ACCESSORIES
Enhance Your Setup

Tailored for iVSEC & LX-Series

From mounts and housings to cables and power supplies, these accessories are crafted to seamlessly integrate with iVSEC cameras and NVRs

Mounts & Brackets

Black Brackets also available

SMALL CONDUIT BOX HOUSING
IV2477X

Suitable for
NC110X, NC323X, NC317X

LARGE CONDUIT BOX HOUSING
IV2422X

Suitable for
NC312X, NC512X, NC528X, NC531X

SMALL / MEDIUM 90° WALL MOUNT
IV2456X / IV2457X

Suitable for
Dome and Turret Cameras

JUNCTION BOX
IV2490X

Junction Box Passive PoE Splitter
for Dual Cameras

90° WALL MOUNT
IV2491X

90° Wall Mount use with IV2490X
Junction and IV2492X Adaptor Box

ADAPTOR BOX
IV2492X

Adaptor Box for IV2490X Junction
and IV2491X Wall Mount

Surveillance Grade HDDs

DUAL CAMERA MOUNT
FULLY ASSEMBLED

Surveillance HDD
with 3 year warranty!

3YR WARRANTY

Available in many sizes:

2TB	180TB/YR 64MB Cache
4TB	180TB/YR 64MB Cache
6TB	180TB/YR 256MB Cache
8TB	180TB/YR 256MB Cache
12TB	550TB/YR 256MB Cache
16TB	550TB/YR 256MB Cache
24TB	550TB/YR 256MB Cache

Scan to see the full range!