



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.



What iVSEC offers you



Trusted and locally tested products



Free video management software



**Local technical support
1300 291 066**



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



IP67 Rated



ONVIF M / RTSP Compatible



Dropbox Support



3 Year Warranty



White Light



Up to 3 Streams



Voice Prompt [MP3]

Bestsellers

Available from 5MP - 12MP



NC110ADX



NC323ADX



NC340ADXB

+ many more



Scan to see the full range!

Secure Every Angle



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.



Specialised AI



Advanced FPS



Dual Lens for Maximum Coverage



Smart IR



180° Field of View



Fire Detection



Human Tracking



Mobile App Control

Bestsellers

Available from 5MP - 8MP



NC620ADX



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 202mm Lens (2.4°)



Up to 150M IR



I/O Trigger Presets



Patrol Mode



Human Tracking



Mobile App Control

Bestsellers

2.8mm-202mm lenses available



NC550ADX



NC693ADX



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]



Up to 24TB per HDD bay



Up to 8K HDMI



API Support

Bestsellers

Available between 8-256 channels



NR308XD



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-29B



IVK-51B



IVK-55B

+ many
more



Scan to see the full range!



LX-SERIES FIXED CAMERAS

Clear Protection Without the Cost

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



3 Year
Warranty



NDAA
Compliant



ivSEC
Mobile App



Dropbox
Support

Bestsellers

100% compatible with ivSEC range



NC000XA



NC119XA



NC319XB

+ 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 16TB HDD can be installed



NR004XB



NR008XB



NR316XD

+ 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 - 12MP cameras



LVK-0008B



LVK-119B



LVK-319B

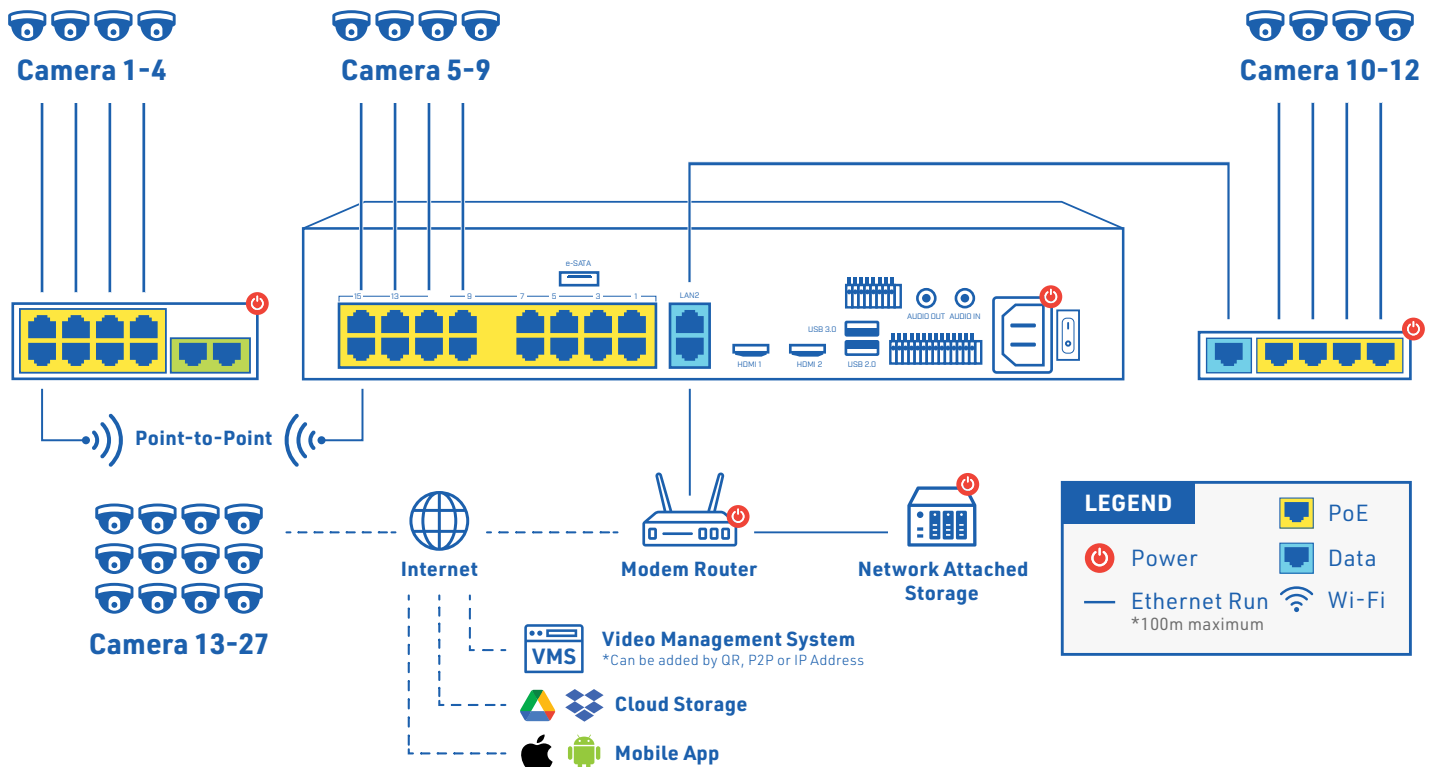
+ many more



Scan to see the full range!

HOW IT WORKS?

32 Camera Wiring Diagram



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 personalised suggestion, please contact our team.

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.



Siren



Flashing Lights



Scheduling Assistant



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 occur.

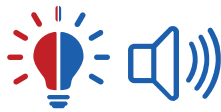
Without iVSEC App



Uses AI Analytics



Checks if Advanced Deterrent Schedule is currently running

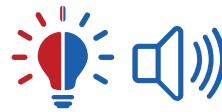


Triggers Red/Blue Lights and Speaker Alarm

With iVSEC App



Open iVSEC App and tap the Advanced Deterrent button for camera



Triggers Red/Blue Lights and Speaker Alarm

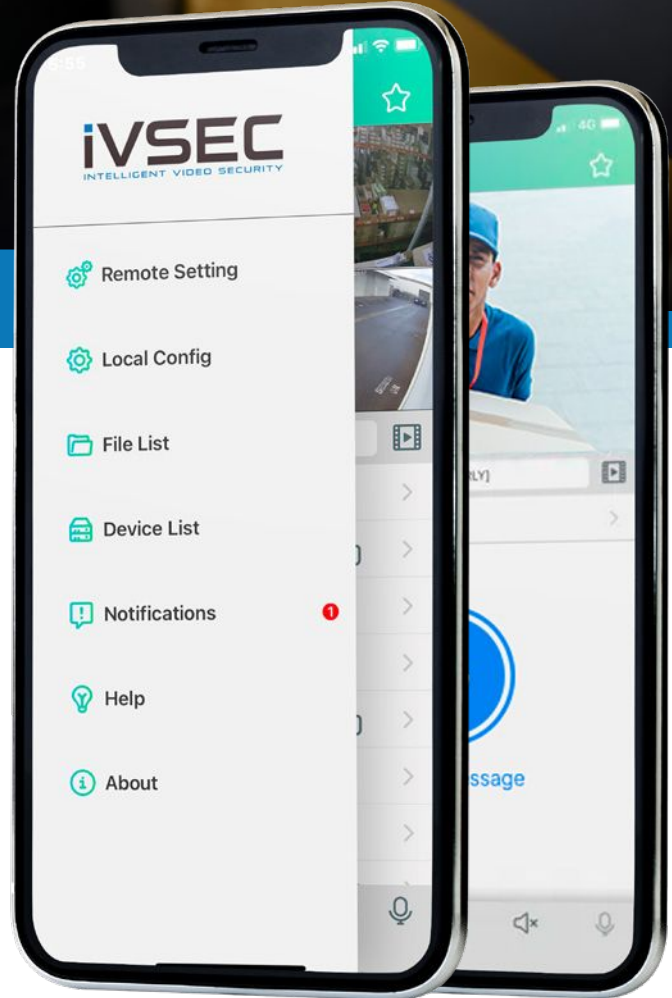


iVSEC X Mobile App

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



Comparable
NVR features



Free
download



Easy to arm
and disarm



Push
Notifications



Search and
playback



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 too 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 °C to 55°C. 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 sensor 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 IV2480X / 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 IV2482X / IV2492X



Adaptor Box for IV2490X Junction
and IV2491X Wall Mount

Surveillance Grade HDDs

Surveillance HDD with 3-5 year 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

DUAL CAMERA MOUNT FULLY ASSEMBLED



Scan to see the full range!