

# IP Camera Catalog

HD

Day/Night

H.264

IP66

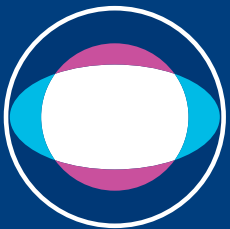
PoE



Wall/Ceiling

Indoor/Outdoor

Vandal Resist



**IndigoVision**

Complete IP Video Security Solutions

[www.indigovision.com](http://www.indigovision.com)

## IP Cameras

IndigoVision's range of IP cameras are designed to be used with the company's complete end-to-end IP Video solution and have class-leading MPEG-4 or H.264 compression technology built-in. Analog to digital conversion is completely eliminated with a direct digital interface from the camera sensor to the compression chip. This gives excellent image quality.

IndigoVision's IP cameras enable simple and easy deployment of IP based video systems as they only require a single CAT 5 cable for connection to the network. Many cameras feature built-in Power-over-Ethernet support allowing the camera to be powered directly from the network, reducing installation costs.

## True IP

IndigoVision's complete end-to-end IP Video system is a field-proven True IP solution for security and surveillance applications. The system provides total integration from camera through to 'Control Center' IP Video and alarm management software, allowing a more robust, more feature-rich and more easily supported solution.

All IndigoVision's technology is designed in-house and in addition to the range of IP cameras includes transmitter/receiver modules for connection to analog cameras and monitors, fault-tolerant Network Video Recorders (NVRs) and a suite of modules that provide True Integration to third party access control systems.

## Compression

IndigoVision's IP cameras are available with two different compression technologies - MPEG-4 (8000 Series) and H.264 (9000 and HD 10000 Series). The 9000 H.264 version provides the same high quality, low-latency video that is consistently delivered by the 8000 MPEG-4 version, but with a reduction of up to 50% in bandwidth and storage requirement - or to put it another way, 9000 based cameras can deliver significantly higher video quality, compared 8000 series cameras, for the same bandwidth.

## Analytics

IndigoVision's complete IP Video solution allows advanced features such as Activity Controlled Framerate (ACF) and real-time analytics to be deployed in the cameras. These features reduce the bandwidth and NVR storage requirements during periods of scene inactivity and allow the user to deploy advanced analytics to identify events as they occur in real-time.



“IndigoVision's integrated IP Video solution allows advanced features such as real-time analytics to be deployed in the camera”

Oliver Vellacott - CEO at IndigoVision

- HD Megapixel Resolution (1280 x 720 Progressive Scan)
- Excellent image quality from 1/3" Progressive scan sensor
- Power-over-Ethernet for lower installation costs
- H.264 15fps guaranteed
- Standard Lens 3mm - 8mm
- Telephoto Lens 5mm - 50mm



IndigoVision's range of HD Megapixel IP Cameras have class-leading H.264 compression technology built-in.

The cameras can be ceiling or wall mounted and use a 1/3" Progressive Scan HD Sensor, guaranteeing excellent performance.

IndigoVision's cameras enable simple and easy deployment of IP based video systems as they only require a single CAT 5 cable for connection to the network. The built-in Power-over-Ethernet support allows the camera to be powered directly from the network, reducing installation costs.



#### Lens Options

A choice of standard or telephoto lenses appropriate for all typical surveillance operational scenarios.



#### HD Resolution

IndigoVision's HD brings unprecedented resolution, clarity and framerate whilst still utilising its field-proven H.264 technology.

# Internal & External PTZ IP Cameras



- Internal and External versions with various mounting options
- Class-leading MPEG-4 compression
- 25/30fps guaranteed
- Wall or Ceiling Mounted
- Standard Lens 18x zoom
- Telephoto Lens 36x zoom
- Robust, quiet and accurate PTZ mechanisms

IndigoVision's high-end professional PTZ dome IP cameras are available in two versions; internal and external, with options for wall mounting, ceiling mounting and flush mounting on false ceilings. A high quality Sony EXview HAD CCD Sensor, robust pan, tilt and zoom mechanisms and class-leading compression technology guarantee excellent performance.

400,000 position stepper motors with a pan movement bearing mechanism and direct control of the tilt movement make the dome's operation quiet as well as giving it highly accurate return to preset positions. The picture freeze feature allows the on-screen visible image to be frozen while the dome moves to preset positions, providing very efficient NVR recording and transmission.



## Lens Options

A choice of standard or telephoto lenses appropriate for all typical surveillance operational scenarios.

## DayNight Sensor

Day/Night sensors allow for deployment in low light conditions without the need for expensive lighting.

## Wall Mount

Alternative mounting option that allows the PTZ camera to be easily and conveniently fixed to a standard wall.

## Swan Neck Mount

Alternative mounting option that allows the PTZ camera to be fixed to a standard CCTV column or pole.

## False Ceiling Mount

Recessed mounting option for discreet or aesthetic location requirements.







# Internal & External Fixed IP Dome Cameras

- Internal Standard, Internal Vandal Resistant and External Vandal Resistant versions
- Class-leading MPEG-4 or H.264 compression
- Wall or Ceiling Mounted
- 25/30fps guaranteed
- Power-over-Ethernet for lower installation costs
- Standard Lens 3.8mm - 9.5mm
- Telephoto Lens 9mm - 22mm
- Excellent image quality from Sony EXview HAD CCD Sensor



IndigoVision's high-end professional fixed dome IP cameras can be ceiling or wall mounted and use a Sony EXview HAD CCD Sensor, guaranteeing excellent performance. The range consists of standard internal, vandal resistant internal and vandal resistant external cameras. The discreet, IP66 vandal resistant version provides maximum protection for tough environmental conditions.

Designed to integrate with IndigoVision's complete IP Video system, these IP cameras fully support power-over-Ethernet for faster and lower cost installations. Binary I/O is provided on each camera for local control via the network.

Internal & External			Internal Only	External Only	
					
<b>Lens Options</b> A choice of standard or telephoto lenses appropriate for all typical surveillance operational scenarios.	<b>Vandal Resistant</b> Tough vandal resistant metal alloy cases with polycarbonate domes suitable for the most demanding of applications.	<b>Clear/Smoked Dome</b> Allows you to hide where the camera is pointing, increasing the effective surveillance range of the camera.	<b>False Ceiling Mount</b> Recessed mounting option for discreet or aesthetic location requirements.	<b>Extended Temp</b> -30 to +50°C enables use in environmentally challenging locations from the tundra to the desert.	<b>Day/Night Sensor</b> Day/Night sensors allow for deployment in low light conditions without the need for expensive lighting.

# Fixed IP Cameras



- Day or Day/Night
- Class-leading MPEG-4 or H.264 compression
- Excellent image quality from Sony EXview HAD CCD Sensor
- Standard Lens 3mm - 8mm
- Telephoto Lens  
Day 5mm - 50mm  
Day/Night 10mm - 40mm
- 25/30fps guaranteed
- Power-over-Ethernet for lower installation costs

IndigoVision's range of high-end professional Fixed IP cameras can be ceiling or wall mounted. The cameras use a Sony EXview HAD CCD Sensor, guaranteeing excellent performance. Order options include Day or Day/Night and 8000 (MPEG-4) or 9000 (H.264).

Designed to integrate with IndigoVision's complete IP Video system, these IP cameras fully support power-over-Ethernet for faster and lower cost installations. Digital I/O provides for local control via the network.



## Lens Options

A choice of standard or telephoto lenses appropriate for all typical surveillance operational scenarios.



## DayNight Sensor

Day/Night sensors allow for deployment in low light conditions without the need for expensive lighting.





## Abandoned Object Detection

Used for alarm generation when an object has been left in a busy scene (such as a suitcase in an airport or railway station). This functionality can also be used to detect illegal parking, or vehicles staying too long in certain zones, etc.



## Object Detection

Used for alerting CCTV operators when a high-sided vehicle or ship approaches a low bridge. Alternatively, it can be used to alert if someone tries to throw an object around a security filter in an airport.



## Motion Detection

Motion detection can be used to alert users of unauthorized entry, for example, if someone enters a staff-only entrance. It could also cause an alert if a vehicle drives in the wrong direction on a one-way street.



## Directional Analytics

Similar to motion detection, the user can be alerted to an object moving in an unauthorized direction, such as a person moving in the wrong direction through an airport immigration corridor, or a vehicle travelling in the wrong direction on a one-way system.



## Virtual Tripwire

With a Virtual Tripwire set alongside a railway track, freeway hard shoulder or building perimeter for example, the operator will be informed when that tripwire is breached. Up to two Virtual Tripwires can be placed in the scene and combined with logic, e.g. alarm only if both Tripwires are crossed.



## Theft Detection

Used for detecting theft, such as the removal of a painting from the wall of an art gallery. In this mode sensitivity is configurable and moving foreground objects are ignored. It can quickly identify when a particular item was moved or removed from the scene.



## Hooded Camera Detection

Hooded camera can be used to detect when a camera's view has been obscured. Examples include the camera being covered by a bag and the lens being deliberately defocused or spray painted.

# Casinos



- Telephoto lenses catch criminal or fraudulent activity
- False ceiling mounting allows for discreet monitoring and maintains interior aesthetics
- HD resolution captures cheating, suspicious activity and personal interaction in far more detail
- Smoked domes deter criminal activity and prevent the detection of blind spots
- Power-over-Ethernet cuts installation costs considerably, no need to run an extra set of wires
- Cameras are easily wall or ceiling mountable and can be positioned in awkward but critical locations
- Multiple live views of a table and individual players using one video stream
- Tripwire analytics monitors access to staff-only entrances





- Telephoto lenses catch criminal or fraudulent activity
- Vandal Resistant domes physically protect against vandalism
- HD resolution captures license plates, personal interaction and suspicious activity in far more detail
- ACF lowers the frame rate during periods of inactivity at night, cutting storage costs dramatically
- Extended temperatures allow cameras to function perfectly in hot summers and cold winters
- Power-over-Ethernet saves considerable installation costs
- Day/Night sensor switches monitoring to black and white in low light, improving image quality
- Mount on lamp posts, over hangs, walls and corners. Swan neck allows for 360 degree vision
- Vandal Detection can alert if vandals obscure or put a hood over the camera
- Tripwire analytics monitors vehicle or pedestrian access to building entrances or schools
- Object Detection can alert if a large vehicle has entered or is blocking the street
- Congestion detection monitors vehicles or pedestrians and alerts if there is a problem
- Motion Detection alerts if a vehicle is driving the wrong way along a one-way street



- Day/Night sensor allows monitoring of critical equipment during the night
- Vandal Resistant domes protect against damage and withstand dust, water and humid environments
- Extended temperatures allow cameras to function in conditions as hot as 50°C and as cold as -30°C
- Power-over-Ethernet cuts installation costs considerably and allows placement in areas where there is fuel, gas or electrically sensitive substances
- Motion Detection alerts if a machine has stopped or something has fallen off of a production line
- Vandal Detection alerts if anything obscures the camera like dust or smoke
- Abandoned Object Detection alerts if an item has been left within the room
- Cameras are easily wall or ceiling mountable and can be positioned in awkward but critical locations





- Day/Night sensor allows covert monitoring of airport perimeter during the night
- Vandal Resistant domes physically protect against vandalism
- HD resolution captures facial detail
- Telephoto lenses catch criminal or fraudulent activity
- Activity Controlled Framerate lowers the frame rate during periods of inactivity in critical but empty locations, cutting storage costs dramatically
- Extended temperatures allow cameras to function perfectly in hot summers and cold winters
- Power-over-Ethernet cuts installation costs considerably
- False ceiling mounting allows for discreet monitoring and maintains interior aesthetics
- Smoked domes deter criminal activity
- Cameras are easily wall or ceiling mountable and can be positioned in awkward but critical locations
- Directional analytics warn if people move the wrong way down a one-way corridor
- Object Detection can alert if a small item is thrown to avoid detection by the security filter
- Abandoned Object Detection alerts if an item of luggage has been abandoned

# IP Camera Catalog



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