



IndigoVision

**30x**  
Optical



# HD Interceptor PTZ Camera

Ruggedised camera with built-in IR and white light

With integrated white and infrared lighting, flat glass and 129mm lens the IndigoVision High Definition (HD) Interceptor PTZ Camera delivers amazing 1080p video, regardless of ambient light. Ruggedised, with IP68 and IK10 rating, and with an operating temperature range of -40°C to 60°C, the Interceptor can easily cope with the most challenging environments.

## Key Features

SENSOR



COMPRESSION



OTHER



PHYSICAL



## Product Codes

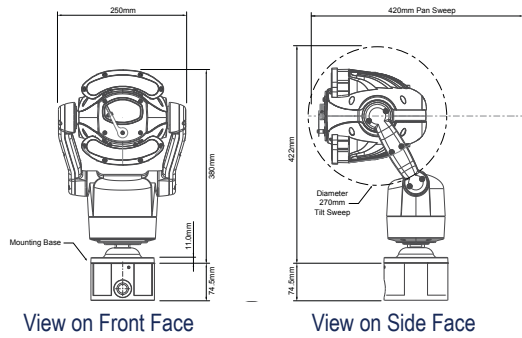
| HD Interceptor PTZ Camera (PAL)                | Camera plus<br>Fixed Mount | Camera plus<br>Hinge Mount |
|------------------------------------------------|----------------------------|----------------------------|
| HD Interceptor PTZ Camera (Base)               | 511370                     | 511470                     |
| HD Interceptor PTZ Camera                      | 511372                     | 511472                     |
| HD Interceptor PTZ Camera + IR250W Illuminator | 511378                     | 511478                     |
| HD Interceptor PTZ Camera + IR275 Illuminator  | 511380                     | 511480                     |

Product Code 56xxxx also available to order consisting of 51xxxx Product Code plus Enhanced Management Software License.

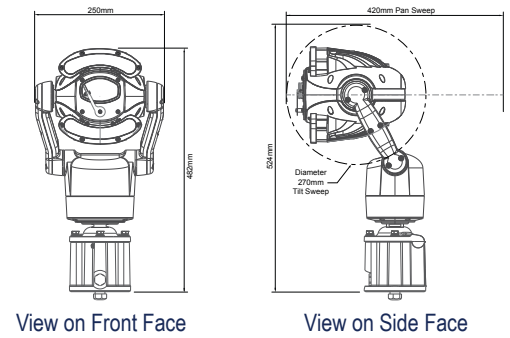
| Accessories                  |        |
|------------------------------|--------|
| HD Interceptor Universal PSU | 110282 |

**STARVIS**

## Dimensions - HD Interceptor PTZ Camera + IR250W/IR275 Illuminator with Fixed Mount



## Dimensions - HD Interceptor PTZ Camera + IR250W/IR275 Illuminator with Hinge Mount



## Specification

| Camera Features                    |                                                                                                                                                                                                                               |                                                                      |                                                                       |                                                                       |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------|
| Sensor                             | 1/2.8" Sony STARVIS CMOS                                                                                                                                                                                                      |                                                                      |                                                                       |                                                                       |
| Active Pixels                      | 2 MP (1920x1080)                                                                                                                                                                                                              |                                                                      |                                                                       |                                                                       |
| Horizontal Resolution              | > 800 TVL                                                                                                                                                                                                                     |                                                                      |                                                                       |                                                                       |
| Minimum Sensitivity                | Day: 0.0013 Lux (colour). Night: 0.0008 Lux (mono). 30 IRE, F1.6, 1/30s shutter                                                                                                                                               |                                                                      |                                                                       |                                                                       |
| Dynamic Range                      | WDR 120dB Max                                                                                                                                                                                                                 |                                                                      |                                                                       |                                                                       |
| Gain Control                       | Auto/Manual setting                                                                                                                                                                                                           |                                                                      |                                                                       |                                                                       |
| Back Light Compensation            | On/Off                                                                                                                                                                                                                        |                                                                      |                                                                       |                                                                       |
| White Balance Mode                 | Auto/Manual                                                                                                                                                                                                                   |                                                                      |                                                                       |                                                                       |
| Day/Night                          | True Day/Night with Mechanical IR Cut Filter                                                                                                                                                                                  |                                                                      |                                                                       |                                                                       |
| Video Resolution                   | 1920x1080 pixels (1080p); 1280x720 pixels (720p); 720x576 pixels (D1); 352x288 pixels (SIF)                                                                                                                                   |                                                                      |                                                                       |                                                                       |
| Signal/Noise Level                 | > 50dB                                                                                                                                                                                                                        |                                                                      |                                                                       |                                                                       |
| Lens Options                       | 4.3mm - 129mm, Horizontal view angle 63.7° (W) 2.3° (T), F1.6 to F4.7, Autofocus with manual override                                                                                                                         |                                                                      |                                                                       |                                                                       |
| Zoom                               | 30x optical + 12x digital                                                                                                                                                                                                     |                                                                      |                                                                       |                                                                       |
| Shutter                            | Rolling; Auto from 1 - 1/10000 sec                                                                                                                                                                                            |                                                                      |                                                                       |                                                                       |
| Exposure Control                   | Auto/Manual/Slow AE/Shutter-priority/Iris-priority                                                                                                                                                                            |                                                                      |                                                                       |                                                                       |
| Video Compression                  | Full frame rate, full colour: H.264/MJPEG ; up to 25fps (ISO 14496-10)                                                                                                                                                        |                                                                      |                                                                       |                                                                       |
| Video Bit Rate                     | User-configurable bit rates from 64Kbps up to 16Mbps                                                                                                                                                                          |                                                                      |                                                                       |                                                                       |
| Video Multi-Streaming              | Up to 16Mbps total video output; Up to four 4Mbps unicast connections                                                                                                                                                         |                                                                      |                                                                       |                                                                       |
| Video Multi-Encoder                | Up to two simultaneous resolutions including: 1080p (25fps), 720p (25fps), D1 (25fps), SIF (25fps)                                                                                                                            |                                                                      |                                                                       |                                                                       |
| Binary Input/Output                | 1 Binary relay output: 24V AC/DC @0.5A max                                                                                                                                                                                    |                                                                      |                                                                       |                                                                       |
| Network Interface                  | IEEE802.3 and IETF standards: 10/100 Base-T Ethernet, TCP, UDP, RTP, RTSP, ICMP, IGMP, SNMP, HTTP, HTTPS, PPPoE, uPnP, QoS, DHCP                                                                                              |                                                                      |                                                                       |                                                                       |
| Network Security                   | IP Filter                                                                                                                                                                                                                     |                                                                      |                                                                       |                                                                       |
| Time                               | Embedded real-time clock, SNTP client                                                                                                                                                                                         |                                                                      |                                                                       |                                                                       |
| Regulatory                         | EN 55022 Class A, EN 61000-3-2, EN 61000-3-3, FCC Part 15 Subpart B Class A, EN 50130-4, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN 61000-4-6, EN61000-4-11, IEC60068-2-27 (Shock), IEC60068-2-6 (Sine Vibration) |                                                                      |                                                                       |                                                                       |
| Housing                            | White vandal resistant aluminium alloy                                                                                                                                                                                        |                                                                      |                                                                       |                                                                       |
| Protection Rating                  | IP68, IK10 (IEC 62262)                                                                                                                                                                                                        |                                                                      |                                                                       |                                                                       |
| Mount Options                      | Fixed Mount*, Hinge Mount**, Wall Mount, Corner Mount Adaptor, Pole Mount Adaptor                                                                                                                                             |                                                                      |                                                                       |                                                                       |
| IndigoVision Software Requirements | Control Center v13.2 or later                                                                                                                                                                                                 |                                                                      |                                                                       |                                                                       |
| ONVIF                              | Profile S                                                                                                                                                                                                                     |                                                                      |                                                                       |                                                                       |
| PTZ Control                        |                                                                                                                                                                                                                               |                                                                      |                                                                       |                                                                       |
| Presets                            | 360                                                                                                                                                                                                                           | Pan Range                                                            | 360° Continuous Rotation                                              |                                                                       |
| Preset Tours                       | 4                                                                                                                                                                                                                             | Tilt Range                                                           | 180°                                                                  |                                                                       |
| Pattern Mimic Tours                | 4                                                                                                                                                                                                                             | Pan/Tilt Speed                                                       | Pan Speed - 0.1-120°/s. Tilt Speed - 0.1-120°/s                       |                                                                       |
| Privacy Zones                      | 24 User Defined                                                                                                                                                                                                               |                                                                      |                                                                       |                                                                       |
| Camera Features                    | Base                                                                                                                                                                                                                          | Standard                                                             | Standard + IR250W Illuminator                                         | Standard + IR275 Illuminator                                          |
| IR Illuminator                     | N/A                                                                                                                                                                                                                           | N/A                                                                  | 250m IR + 225m White Light                                            | 275m IR                                                               |
| Wiper                              | N/A                                                                                                                                                                                                                           | Integrated                                                           | Integrated                                                            | Integrated                                                            |
| Tilt Sweep                         | Diameter 248mm                                                                                                                                                                                                                | Diameter 248mm                                                       | Diameter 270mm                                                        | Diameter 270mm                                                        |
| Dimension/Weight                   | 247mm (dia) x 350.5mm (h) and 7.49Kg                                                                                                                                                                                          | 247mm (dia) x 350.5mm (h) and 7.49Kg                                 | 250mm (dia) x 380mm (h) and 8.25Kg                                    | 250mm (dia) x 380mm (h) and 8.25Kg                                    |
| Electrical                         | 24V AC, 50VA. Power supply ordered seperately (Product code: 110282)                                                                                                                                                          | 24V AC, 75VA. Power supply ordered seperately (Product code: 110282) | 24V AC, 125VA. Power supply ordered seperately (Product code: 110282) | 24V AC, 155VA. Power supply ordered seperately (Product code: 110282) |
| Operating Temperature              | -10°C to 60°C                                                                                                                                                                                                                 | -40°C to 60°C                                                        | -40°C to 60°C                                                         | -40°C to 60°C                                                         |
| Cold Start                         | -10°C                                                                                                                                                                                                                         | -10°C                                                                | -10°C                                                                 | -10°C                                                                 |
| Mount Features                     | Fixed                                                                                                                                                                                                                         |                                                                      | Hinge                                                                 |                                                                       |
| Dimensions/Weight                  | 125mm (dia) x 74.5mm (h) and 1kg                                                                                                                                                                                              |                                                                      | 125mm (dia) x 102mm (h) and 1.5kg                                     |                                                                       |

\* Must be installed using Interceptor Pre-made Cable. \*\* Can be installed using standard CAT5/RJ45 cable and connectors.