



IndigoVision



Ultra 1K Fixed Camera

Enhanced High Definition security video

Part of IndigoVision's Ultra Range, the Ultra 1K Fixed Camera delivers more image detail at 720p resolution, better image clarity and impressive low light sensitivity. With highly optimised H.264 compression and ACF+ technology, storage costs are reduced by up to 95%.

Key Features

SENSOR

- HD
- Day/Night
- Low Light
- Dual WDR

COMPRESSION

- H.264
- GUARANTEED 30fps
- FPGA
- AAC

INTELLIGENCE

- ACF
- ACF+
- Analytics
- Motion Detection

OTHER

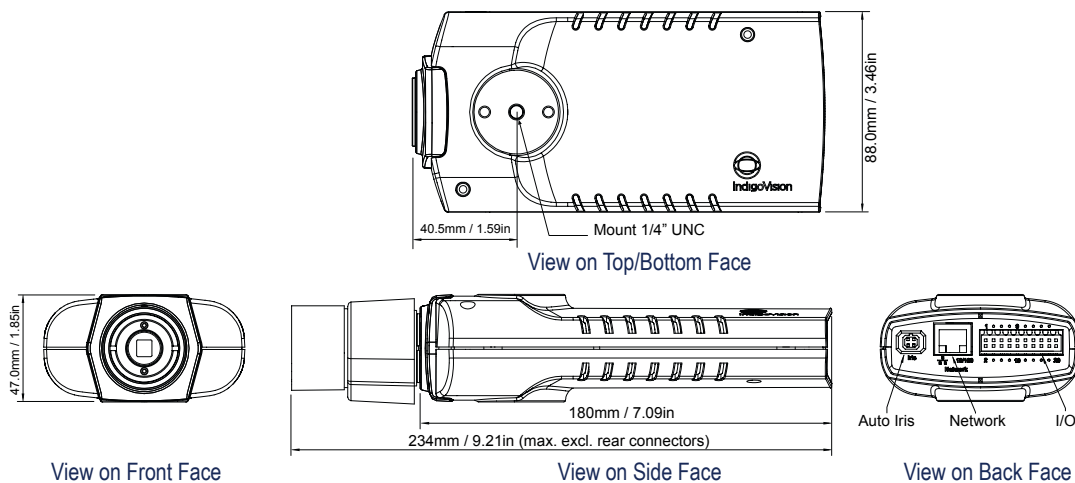
- DNA
- PoE
- Firewall
- ONVIF

Product Codes

Ultra 1K Fixed Camera (NTSC)	Camera plus Enhanced Management Software
Standard Lens - Day/Night with Audio	561290
Telephoto Lens - Day/Night with Audio	561294

Product Code 51xxxx also available to order consisting of 56xxxx Product Code without Enhanced Management Software.

Dimensions



Specification

Camera Features	
Sensor	1/2.7" Progressive CMOS
Active Pixels (HxV)	1MP (1280 x 720)
Horizontal Resolution	> 600 TVL
Minimum Sensitivity	Day: 0.7 lux (color). Night: 0.035 lux (mono). 50 IRE, F1.2, 1/30s shutter
Dynamic Range	WDR 115dB Max
Gain Control	Auto setting across a 33dB range
Back Light Compensation	On/Off
White Balance Mode	Auto
Day/Night	True Day/Night with Mechanical IR Cut Filter
Video Resolution	720p: 1280x720 pixels; SD: 640x360 pixels; 16:9 ratio
Signal/Noise Level	> 39dB
Lens Options	Standard: 3.1mm - 8mm, Horizontal view angle 97.8° (W) 39.4° (T), F1.2, P-iris, Vari-focal, CS mount Telephoto: 12.5mm - 50mm, Horizontal view angle 24.4° (W) 6.3° (T), F1.4, P-iris, Vari-focal, CS mount
Iris Control	Auto-iris/Electronic Shutter/Manual
Shutter	Rolling; Auto from 1/2 to 1/100,000
Exposure Control	Auto/Manual/Slow AE
Video Compression	Full frame rate, full color: H.264 (ISO 14496-10); 30fps guaranteed
Video Bit Rate	User-configurable from 32Kbps up to 8Mbps
Video Multi-Streaming	Up to 32Mbps total video output; Unlimited multicast connections. Up to seven 4Mbps unicast connections; Up to sixteen 1Mbps unicast connections
Video Multi-Encoder	Up to two simultaneous resolutions with guaranteed frame rate including: 720p (30fps), SD (30fps)
Video Analytics	Standard: ACF, ACF+, Motion Detection, Hooded. Advanced: Dual Tripwire, Congestion, Counterflow, Museum*
Audio Compression	AAC-LC (ISO 14496-3)
Audio Bit Rate	User-configurable bit rates from 32Kbps to 160Kbps per channel
Audio Protocol	RTP (RFC 3640)
Audio Dual Encoder	Encoder A: 1 Stream Configuration plus Encoder B: 1 Stream Configuration
Audio Resolution	Full Duplex 16 Bit, 16kHz sample rate Mono/Stereo Input, Mono Output
Audio Input	Stereo / Mono line in terminal block connector. Nominal voltage: 1V p-p, Mic 30mV p-p. Mic type: dynamic or electret
Audio Output	Mono line out terminal block connector. 1V p-p, Minimum load impedance: 16 Ohms
Binary Input/Output	2 Pull up inputs for non powered contacts; 1 solid state opto-isolated relay output @500mA, LED output @20mA
Data Input/Output	1 Data/Console port: RS232 up to 115.2 Kbps
Network Interface	IEEE802.3 and IETF standards: 10/100 Base-T Ethernet, TCP, UDP, RDP, ICMP, IGMP, SNMP, HTTP, HTTPS
Network Security	HTTPS / Embedded Linux Firewall. Salted passwords, with MD5 encryption
Time	Embedded real-time clock, NTP client with battery backup
Dimension/Weight	180mm (d) x 88.0mm (w) x 47.0mm (h) and 0.5Kg / 7.09in (d) x 3.47in (w) x 1.86in (h) and 1.103lb
Regulatory	EN 55022 (2010) ITE emission standard – Class A; EN 55024 (1998) +A1:2000 +A2:2003 ITE immunity standard; CFR47(2008) Part 15 subpart B –Class A (US federal code of regulations); EN 60068-2-1 & 2 (1993) Low & High temp; EN 60068-2-6 & 64 Sinusoid & Random vibration (2008); EN 60068-2-29 Bump (1993); EN 60068-2-30 Humidity up to 95% Non Condensing (2005)
Housing	Diecast aluminium alloy
Electrical	PoE (802.3af Class 0) or 24V DC @ 0.29A / 6W max. Power supply ordered separately (Product code: 110004; 110061; 110062)
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Cold Start	0°C (32°F)
IndigoVision Software Requirements	SMS4™ r1/Control Center v11.0 or later
ONVIF	Profile S**

* Advanced Video Analytics require a licence. ** Firmware upgrade is required for ONVIF Conformance.