



Illustra

Standard 4MP Box Camera



Key Benefits

- 1/1.8" Progressive Scan CMOS
- Color: 0.002 Lux @ (F1.2, AGC ON)
- Max resolution 2560 × 1440 @ 30fps
- H.265, H.265+, H.264, H.264+
- 140dB WDR
- 5 streams and up to 5 custom streams
- microSD/SDHC/SDXC card slot, up to 256GB

Enriched Video Quality

The Illustra Standard Box Camera by American Dynamics captures high quality colored images in Low Light Conditions Environment and has several intelligent functions for high quality video surveillance. ISL04XN offers 4MP resolution with up to 30fps high frame rate, 140dB WDR, PoE, 3D DNR and various other intelligent features to perform exceptionally in a wide varieties of applications.

Exceptional Image Quality

With a 2560 x 1440 resolution @30fps the camera produces exceptionally high Image quality. It repetition Support H.265+/H.265/H.264 MJPEG video compression, multi-level video streaming configuration, support Basic/Main/ High Profile H.265 encoding complexity. This Box Camera can support up to 256 GB Micro SD/SDHC/SDXC card storage, 10M/100M Ethernet Port, Audio I/O, dual channel stereo audio, Alarm I/O and CVBS analog output.

Authentication Support for Higher Security

Additionally, for greater security, the Camera supports three-level user authentication– management, user and password authorization, IP address filtering and anonymous access. Other vital security features include security certificates Such as HTTPS, SSH, Support Creating Certificate and the Lock User IP feature for multiple login error. Basic authentication is supportable in Web browser configuration.

ONVIF Support

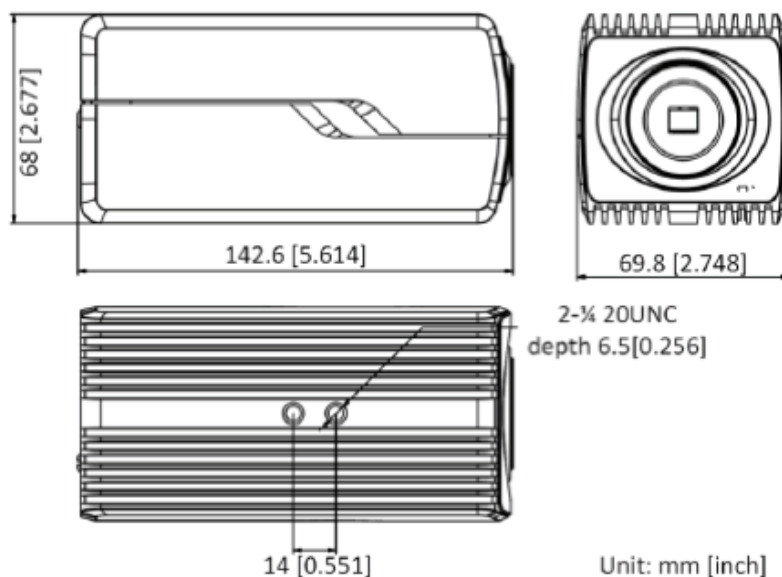
The Camera supports the ONVIF (profile S and G) protocol, up to 5 streams providing flexibility of Video Stream Recording, live view at different resolutions and bitrate configuration options.

Specifications

Operational	
Video Compression	H.265/H.264/MJPEG
Max Frame Rate	2560 × 1440 @ 25/30fps
Resolution	2560 × 1440 1920 × 1080 1280 × 720 704 × 576/704 × 480 640 × 480
Video Streams	Five Streams
Simultaneous Streaming	Main Stream 2560x1440, H.265, 30/25FPS Sub Stream 704x480, H.264, 25/30FPS Third Stream 1920x1080, H.265, 30/25FPS Fourth Stream 1920x1080, H.265, 30/25FPS Fifth Stream 704x480, H.265, 25/30FPS
Imager	Progressive Scan RGB 1/1.8" CMOS
Image Orientation Settings	None, Mirror, Rotate
Lens Type and Iris	CS- Mount and Auto DC Iris
Focus and Zoom Control	Manual
Shutter Speed	1 s to 1/100,000 s, Slow Shutter Supported
Minimum Illumination	
Color: F1.2, AGC ON	0.002 Lux
B/W: F1.2, AGC ON	0.0002 Lux
Wide Dynamic Range	140 dB
Day/Night	True Day/Night, Switch: Day/Night/Auto/Schedule/Triggered by Alarm In
ONVIF-Compliant	ONVIF (PROFILE S, PROFILE G, PROFILE T)
Video Intelligence Analytics	Line crossing detection, Intrusion detection, Region entrance detection Region exiting detection, Unattended baggage detection, Object removal detection
	Face detection: detects faces and upload images Scene change detection, audio exception detection, defocus detection
Basic Events	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Privacy Zones	4
Alarm Input/Output	2 inputs, 2 outputs (max. 24 VDC/VAC, 1A max.)
Analog Video Output	1Vp-p composite output (75 Ω/CVBS), only for adjustment
Audio	1 input (line in), 1 output (line out), 2-core terminal block, mono sound
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Environmental Noise Filtering	Yes

Region Of Interest	4
Image Features	BLC, HLC, 3D DNR, Defog, EIS
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance
Signal to Noise	≥52dB
Picture Overlay	128 × 128 24 bit bmp format
Other Features	Pixel counter, Anti-flicker, heartbeat, flash log
SNMP	V1/V2/V3
Simultaneous Users	32 Users/20 Live View Channels
Network	
Ethernet Interface	1 RJ45 10M/100M/1000M Ethernet port
Supported Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
Web Browsers	Plug-in required live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local service: Chrome57.0+, Firefox52.0+
Security	watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP over HTTPS
	Control timeout settings, security audit log, TLS 1.2, TLS1.0, TLS1.1
	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5)
Card Support	micro SDXC up to 256GB, memory card encryption
Pre/Post-Alarm Recording	Yes
Power	12 VDC is recommended; PoE (802.3af, class 3)
	10 to 48 VDC; 24 VAC (-25%, + 24.9%); two-core terminal block
PhysicalPower Consumption and Current	With extra load: 12 VDC, 0.8 A, max. 10 W; 24 VAC, 0.7 A, max. 10 W; PoE (802.3af, 36 V to 57 V), 0.1 A to 0.3 A, max. 10 W, class 3
Dimensions	142.6 × 69.8 × 68 mm (5.61" × 2.75" × 2.68")
Weight	Approx. 730 g (1.61 lb.), 1020 g (2.25 lb.) with package
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Humidity	humidity 95% or less (non-condensing)
Approvals	UL, CE, FCC

Dimensions



Ordering information and Supported Accessories

Part Number	Description
ISL04XN	4MP 1/1.8 Inch, 30 fps, H.265, Box Camera Only
ISSLENS3816IR	3.8 ~ 16mm DC-Iris Lens
ISSLENS1140IR	11 ~ 40mm DC-Iris Lens
ADCHBHF	Box IPC Housing with Heater+Fan IP68, IK10
ADCHBHFI	Box IPC Housing without Heater+Fan IP68,IK10

About Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.

For additional information, please visit www.tycosecurityproducts.in or follow Illustra on LinkedIn, Twitter, and Facebook.