

Standard 5MP Box Network Camera



Key Benefits

- 5MP resolution (2592 × 1944), H.265
- 30fps@5MP
- WDR, up to 140dB
- 3D DNR, HLC & BLC
- Defog
- Triple streams
- Slow Shutter
- Audio & Alarm in/out
- Onboard storage support upto 256GB
- Pre - Post Alarm support
- PoE power supply
- Intelligent video analytics
- Unicast and Multicast support
- ONVIF Profile S, G, T & Q support

The Illustra standard 5MP Box network Camera by Tyco provides improved ultra-low light video performance. It provides clear and relevant images regardless of lighting conditions, time-of-day or object movement. Combined with built-in video intelligence, cameras can deliver detailed monochrome images where other cameras show no image at all.

Additionally, this high resolution camera comes with a rich feature-set that includes WDR, PoE, and 3D DNR to meet a wide variety of video surveillance applications.

Exceptional Image Quality

With 5MP @ 30fps the camera produces exceptionally high Image quality. It supports H.265/H.264/MPEG 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 and Alarm I/O.

Built-in Intelligence

With a host of intelligent features and functions, the camera makes video surveillance easy for security professionals.

Intelligent Detection includes comprehensive features such as Line crossing detection, Intrusion detection, Region entrance, Region exiting, Un-attended baggage, Object removal & face detection.

ONVIF Support

Camera supports ONVIF (Profile S, G, Q & T) protocol, up to 3 streams providing flexibility of video stream recording, live view at different resolutions and bitrate configuration options.

Specifications

Camera	
Image Sensor	1/2.5" Progressive Scan CMOS
Effective Pixels	2592 x 1944
Min. Illumination	0.001Lux @ (F1.2, AGC ON), 0.005 Lux @ (F1.4, AGC ON)
Shutter Speed	Auto (1~1/100000s Adjustable)
S/N Ratio	≥65db (AGC OFF)
Lens	
Focal Length	None
Focus Control	Manual
Iris Type	DC-Iris
Lens Mount	C/CS Mount
Video / Audio Encoding	
Video Compression	H.265 +/H.265/H.264 +/H.264/MPEG
Max Resolution	2592 × 1944
Video bit rate	Constant bit rate, variable bit rate (16kbps-16Mbps)
Max. Frame Rate	30fps @ all resolution, 60fps @ 1080P
Video Bit Rate	64 Kbps - 6 Mbps
Audio compression	G.711-ULaw, G.711-ALaw, AAC LC, G.722 and G.726
Audio bit rate	8-256Kbps
Audio control	Support input/output volume control
Audio Noise Reduction	ON/OFF
Audio Gain Control	ON/OFF, 0-100
Image Setting	time stamp, text overlay, , flip & mirror, ROI, Brightness, Contrast, Saturation, Sharpness, Hue, white balance, video rotation, Scheduled profile settings, AGC
Intelligent Analytics	
Privacy Masking	8 zones
Motion Detection	Supported
Tampering Detection	Supported
Smart Analytics	Face Detection, Line Crossing Detection, Intrusion Detection, Region Entrance/Exit, Abandoned/Missing Object, People Counting, Loitering Detection
Pre-Post Alarm	0-10 Sec Pre & 1-120 Min Post
Event linkage	Snapshot, SD card video, Email, alarm output linkage, FTP Upload, SMTP Upload, Call to SIP Phone, Play Audio, HTTP Notification

Operational	
Day/ Night Mode	ICR switch, Auto, Day, Night
Wide Dynamic Range	Low/High/Auto three level, 140 dB
Slow Shutter	Off/ON
Anti-Flicker	10 levels of anti-flicker adjustments
Image Features	Defog, BLC, HLC, 2D/3D DNR
Corridor Pattern	Off, Clockwise 90°, Anticlockwise 90°
ROI Zones	8 mask areas
White Balance	Auto/ Manual, Incandescent Lamp, Warm Light Lamp, Natural Light, Fluorescent Lamp Schedule mode
Digital Image Stabilization	Support
Gain Control	High, Higher, Medium, Lower, Low
Network	
Network Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP V1/v2, SNMP v3, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS DSCP, IGMP, ICMP, SSL, Http Notification- Basic & Digest authentication, SMB, CIFS , Secure Shell (SSH)
Network Storage	NAS (Support NFS, SMB/CIFS), FTP
SIP/VoIP Support	Dial on the camera's IP address/ID through SIP phone, so you can see the video
Streaming	Unicast and Multicast
General Function	ONVIF Profile (S, G, Q & T), API
Max User Access	20 Users
SD Card	Support Max 256GB, Micro SD (SDHC /SDXC) card local storage
NAS Disk	Support up to 5 NAS disks
Interface	
Network	1 RJ45 10M/100M Ethernet port
Audio	1 Audio Input; 1 Audio Output
Alarm	2 Alarm input/ 1 Alarm output
Onboard Storage	Built-in micro SD / SDHC / SDXC slot
Hardware Reset	Yes
General	
Operating Conditions	-40 °C ~ 60 °C; Humidity 95% or less (non-condensing)
Storage Temperature	-50 °C ~ 70 °C
Power Supply	PoE (802.3af) / DC 12V±10%
Power Consumption	7W Max
Dimension	115mmX62mmX50mm
Product Certification	Safety: CE, FCC, EN:60950-1, IS-13252 (Part 1):2010, BIS Registered, IEC 60950-1:2005 Immunity: CE,FCC

Ordering Information

	Model Number	Description
Camera	ISIN-X05N001	H.265 5MP Box N/W Camera, 1/2.5" CMOS, C/S, DC12V/PoE, 256GB SD Card Support, Intelligent Video Analytics

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.

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