

Flex Gen4 Compact Dome

Situational Awareness

With resolution options up to 8MP/4K, inbuilt IR up to 20m and best image quality in varying lighting conditions provides better situational awareness for 24x7 operation

Wider Field of View

Flex compact dome provides industry leading wide field of view thus helps covers more area with minimum cameras

Edge Intelligence

Flex AI suite bundle at the edge provides real time alert during events and helps gather specific information during forensic search

Open Standard Interface

Flex compact dome range is tested and qualified with latest ONVIF tools and hence can work with almost all major video management solutions qualified at same level

Discreet Design

With its small size and discreet design, flex compact domes are suitable for multiple indoor and outdoor use cases

Data Protection

Flex compact dome camera follows stringent JCI cyber program to protect captured data from its misuse. It fully complies to NDAA norms

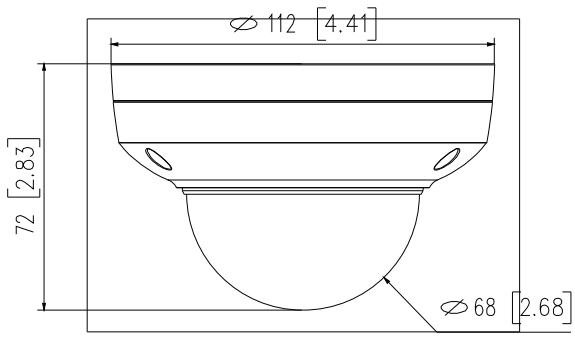
Specifications

Operational	2MP	5MP	8MP
Camera			
Image Sensor	Sony 1/2.8" Progressive Scan CMOS imager	Sony 1/2.8" Progressive Scan CMOS imager	Sony 1/1.8" Progressive Scan CMOS imager
Lens	2.8mm, F2.0, Fixed focus		4.5mm, F1.65, Fixed Focus
Field of View (FoV)	H: 114.1° V: 61.3°	H: 113.74° V: 61.5°	H: 109.9° V: 56.7°
Day/Night	True Day/Night		
Minimum Illumination	Color: 0.1 lux, B/W: 0.01 lux 0 lux with IR		
Camera Angle Adjustment	Pan 350°, Tilt 67°, Rotation 355°		
Electronic Shutter Control	Automatic, Manual (1/4 to 1/32000 sec)		
IR Illumination	850 nm, Smart IR, up to 20m (65.62 ft)		
Memory	2048 MB RAM, 4096 MB Flash		
Video			
Bandwidth Management	IntelliZip® Smart Codec		
Video Compression	H.264/H.265/MJPEG H.264 IntelliZip® / H.265 IntelliZip®		
Bitrate Control	CBR/VBR/CVBR (configurable)		
Max Resolution (HxV) & Aspect Ratio	16:9: 1920 x 1080 (2MP) to 480x272	4:3: 2560 x 1920 (5MP) to 480x272	16:9: 3840 x 2160 (8MP) to 480x272
Max Frame Rate (60 Hz/50 Hz)	2MP: 60/50 fps	2MP: 60/50 fps 5MP: 30/25 fps	2MP: 60/50 fps 8MP: 15/12.5 fps
Video Streams	Triple Streaming with a maximum of 5 concurrent shared streams		
Dual Full HD Video Stream	Supported		
Dynamic Range	True multi shutter WDR up to 141 dB Off, TWDR, TWDR 3x, SmartWDR		
SmartDefog	Supported		
Image Orientation	None, Mirror, Flip, Flip and Mirror Corridor Mode (rotate 90° right or left)		
Picture Settings	Auto Exposure: Multiple Profiles (incl Auto, Gaming, LPR), Multiple ROI (incl AI ROI: Object, Person), Gain Control (Auto, Max, Manual), Flickerless, White Balance (Auto Normal, Auto Wide, Manual), text overlay		
Privacy Zones	10 user definable rectangular zones		
Analytics			
AI Object Classification	**Classes:** Person, Bicycle, Bus, Car, Motorbike, Train, Truck, Animal (standard), Any Class **Sub-Classes (attributes):** Personal Protective Equipment (PPE), Person Clothing Color (Upper, Lower), Vehicle Color **Rules:** Object Detected, Perimeter, Linger, Dwell, Abandoned/Removed, Enter, Exit, Crowd, Queue, Direction, Tripwire, PPE, Minimum Stay		
AI Business Intelligence	Object Counting (Person, Vehicle)		
AI Scene Change Detection	Abandoned/Displaced/Removed generic objects		
AI Tamper Detection	Blackout, Whiteout, FOV Change		
AI Blur Detection	Supported		
AI Metadata	Supported		
Motion Detection Zones	3 zones supported		
Network			
Network	IEEE 802.3, 10/100Base-T Ethernet, RJ45, auto sensing		
Cyber security	ISASecure ISA/IEC 62443-4-1 certified secure development Secure boot Signed and encrypted firmware		
Authentication and Security	TLS, HTTPS (HTTP over TLS), WS-Security, Certificate Management, Multi-level password protection, IP address filtering, HTTPS encryption, Enhanced Security (One-Click Security Hardening), User Access Log, Validate Complex Credentials, Disabling Unused Protocols, IEEE 802.1x (PEAP, EAP-TLS, EAPoL), Brute force delay protection, Dynamic ARP inspection (DAI)		
Protocols	TCP/IP, IPv4, IPv6, TCP, UDP, HTTP, FTP, DHCP, WS-Discovery, DNS, DDNS, RTP, RTCP, RTSP, TLS, Unicast, Multicast, NTP, ICMP, IGMP, SMTP, WS-Security, IEEE 802.1x, PEAP, EAP-TLS, EAPoL, SSH, HTTPS, SOAP, WS-Addressing, CIFS, UPNP, LLDP, SIP, ARP, EAP-LEAP, QoS		
Network management	SNMPv1/v2c/v3(MIB-2)		
Simultaneous users	10 users		
System Integrations			
Application Programming Interface	ONVIF Profile S, G, T, M conformant Illustra iAPI via Connected partner program		

Event Triggers	Motion Detection, Tamper & Blur Detection, AI Object classification, Network Loss, Periodic Event, Temperature		
Event Actions	Record to SD card, Snapshot, SMTP e-mail file transfer, FTP file transfer, CIFS, Auxiliary output, Audio clip playback		
Peripherals			
Onboard Storage	microSDXC slot, Class 10 or better, up to 1TB supported (Card not included) Pre event / Post event 1- 10 sec Encrypted storage and streaming TrickleStor offline recording and backfilling		
Wireless configuration	1x Micro USB for use with Illustra Camera Manager app via optional USB Wi-Fi Dongle IA-KIT-WD-UUA		
Electrical			
Power	PoE 802.3af (802.3at Type 1) Class 3		
	PoE Typ. 0.1A / Max 0.15A Typ. 4.7W / Max 6.9W	**PoE** Typ. 0.11A / Max 0.16A Typ. 5.2W / Max 7.3W	**PoE** Typ. 0.12A / Max 0.18A Typ. 5.4W / Max 8.3W
Physical			
Operating conditions	-50°C (-58°F) to +60° C (140°F) (IR off at +50° C/122° F) Start-up temperature: -40°C (-40°F) Humidity up to 95% RH, Non-Condensing		
Casing	IP66, IP67, NEMA 4x and IK10 Housing: Aluminum alloy Dome: Polycarbonate Color: Signal White Pantone RAL 9003		
Dimensions	Ø112 x 72 mm (Ø4.3 x 2.0 in)		
Weight	Net 0.43 kg (1.06 lbs.), Gross 0.816 kg (1.83 lbs.)		
Regulatory			
EMC	CE/UKCA: EN 55032 Class A, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-11, BS EN 55032, BS EN 50130-4, BS EN 61000-3-2, BS EN 61000-3-3 ICES-003/NMB-003 Class A CFR 4 7 FCC Part 15 Subpart B Class A RCM AS/NZS CISPR 32 Class A KS C 9832 Class A, KS C 9835		
Safety	UL 62368-1, CAN/CSA C22.2 No. 62368-1 KC 62368-1 BIS IS13252 Part 1 IEC 62471		
Environmental	IEC 60529 IP66, IEC 60529 IP67 IEC 62262 IK10 BS EN IEC 63000 ROHS, REACH, WEEE NEMA 250 Type 4x		
General			
Web Browsers	Microsoft Edge, Firefox, Safari, Chrome		
Language	Arabic, Chinese (Simplified), Chinese (Traditional), Czech, Danish, English (default), French, German, Hungarian, Italian, Japanese, Korean, Netherlands, Polish, Portuguese, Russian, Spanish, Swedish, Turkish		
NDAA Compliant	Yes		
Warranty	5 Years		

Camera Dimensions

Unit: mm(in)



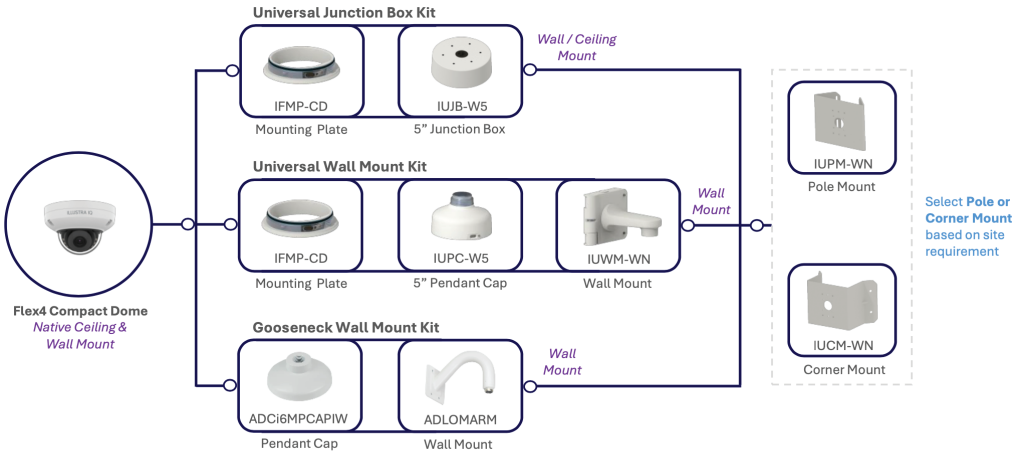
Ordering Information

Model Number	Sales Description
IFS02-C10-OIB4	Illustra Flex Gen4 2MP Compact Dome, 2.8mm, AI, TDN w/IR, TWDR, IP66/67, IK10, Clear Bubble
IFS05-C10-OIB4	Illustra Flex Gen4 5MP Compact Dome, 2.8mm, AI, TDN w/IR, TWDR, IP66/67, IK10, Clear Bubble
IFS08-C23-OIB4	Illustra Flex Gen4 8MP/4K Compact Dome, 4.5mm, AI, TDN w/IR, TWDR, IP66/67, IK10, Clear Bubble

Optional Accessories

Model Number	Description
IA-KIT-WD-UUA	Wi-Fi Dongle Kit
ADCi6MPCAPIW	Pendant Cap, White
ADLOMARM	Gooseneck Mounting Arm, White
IUCM-WN	Illustra universal corner mount
IUPM-WN	Illustra universal pole mount
IUWM-WN	Illustra universal wall mount, white
IUJB-W5	Illustra universal 5" junction box, white
IUPC-W5	Illustra universal pendant cap, white
IFMP-CD	Illustra Flex G4 mount plate for compact dome, white

Accessory Chart



Add-On Accessory



USB Wi-Fi Dongle
IA-KIT-WD-UUA

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