

## Kyla Vision Intelligent Hybrid IR IP Camera



KVS-ID04F-CI



Day & Night Conversion



IllumiLux



IR



ONVIF Compliant (Profile S,T,G,M)



AOV



TWDR



4MP Video Resolution



IP Rating



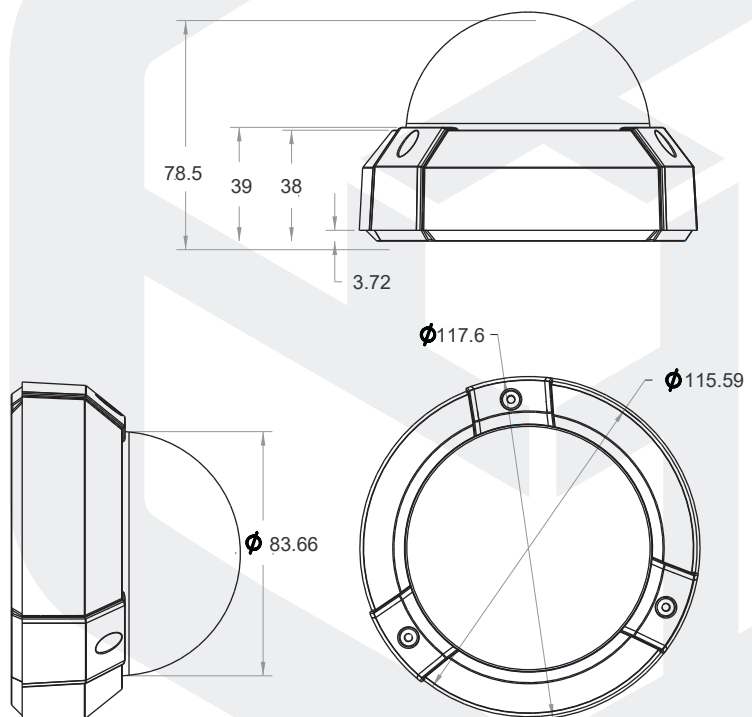
Data Encryption



Edge AI

### Key Features:

- 1/1.8", 4.0 megapixel, progressive scan CMOS sensor
- 4mm/6mm fixed lens
- 0.001 Lux (F1.6, AGC ON), 0 Lux with White Light (30m)
- Smart Hybrid Supplement light
- H.265, H.264, Multiple streaming
- Built-in AI Algorithm: Motion detection, Object detection, Intrusion detection, Line crossing counting, Face capture, Tampering, Illegal parking



KVS-ID04F-CI Kyla Vision Intelligent 4mp Hybrid IR Dome Camera

Camera	
Image Sensor	1/1.8", 4.0 megapixel, progressive scan, CMOS
Lens	4mm /6mm compatible
FOV	4mm: Horizontal: 89°, vertical : 47°, diagonal : 106°
	6mm: Horizontal : 60°, vertical : 32°, diagonal : 70°
Min. Illumination	Colour: 0.001Lux ( F1.6, AGC ON)
Shutter Speed	Auto/Manual 1/3 s-1/100,000 s
Day & Night	IR cut filter Auto switch
	Smart Hybrid LED mode (IR and white light) : Auto/Scheduled/Always on/Always off
Angle Adjustment	Angle Adjustment Pan: 0° to 355°, tilt: 25° to 90°
Iris Type	Fixed
Aperture	F1.6
Lens Mount	M12
Illuminator	
Supplement Light Type	White LED/IR LED
Supplement Light Range	Up to 100 FT(30m) Visible Light Range
IR Wavelength	850 nm
IR Range	Up to 30m (100ft)
Video	
Max Resolution	2688 (H) × 1520 (V)
Video Compression	H.265/H.264: Main/High
Max Frame Rate	30 FPS
Streaming	Multiple streaming - Up to 3 profiles : <ul style="list-style-type: none"> <li>- Main stream: individually configurable</li> <li>- Second stream: individually configurable</li> <li>- Third stream: individually configurable</li> <li>- Unicast (10 users)</li> </ul>
Video Bit Rate	16 Kbps-16 Mbps
Bit Rate Control	H.265 and H.264: CBR/VBR
OptiStream	No
Pan/Tilt/Zoom	DigitalPTZ
Image	
Exposure Mode	Auto/Manual
Anti Flicking	Outdoor, 50Hz, 60Hz
Backlight Compensation	BLC, HLC, WDR
Wide Dynamic Range (WDR)	TWDR >120dB
Signal to Noise Ratio (SNR)	
Digital Noise Reduction	3D NR
Day/Night Switch	Day, Night, Auto, Schedule
Video Rotation	Flip 180 degree, Mirror, Corridor view(0°,90°,180°,270°)
Image Enhancement	Saturation, Brightness, Contrast, Sharpness
Privacy Mask	16 programmable privacy masks
Audio	
Microphone	N.A
Speaker	N.A

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Auxiliary I/O	
Audio In	N.A
Audio Out	N.A
Alarm I/O	N.A
Network	
Ethernet	RJ-45 (10/100BASE-T)
Network Security	IP address filtering
	HTTPS encryption
	IEEE802.1X(EAP-TLS)
	Network access control
	User access log (Audit Log)
	Centralized Certificate Management
Network Protocols	Networking : IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS
	Device Discovery and Configuration: UPnP, Bonjour, ONVIF, LLDP, WS-Discovery, SSDP
	Streaming and Media: RTSP, RTSPS, SRTP, RTP, RTCP, HTTP/HTTPS, ONVIF (Profile S,G,T,M)
API / SDK	Open Network Video Interface (Profile S/T/G/M)
Interoperability	
User/Host	
Security	
OS / Firmware Protect	Secure boot, Signed firmware, Firmware encryption
User authentication	Digest Authentication, Prevent brute-force attack
Network authentication	802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2)
Secure Communication	HTTPS, SRTP
Access Control	Network access control
Data Protection	Authentication information encryption
Secure Storage	SDcard partition encrypt
Audit	User Access/System/Event log management
Device ID	Device Certificate(Kyla Private Root CA)
Events	
Basic Events	Motion detection (human and vehicle targets classification), video tampering alarm, exception
System Events	Video Loss, Network Disconnection, Device Reboot, Firmware Upgrade, Storage Status, Temperature Alerts, Power Status, Configuration Changes
AI Functions	
AI Functions	Intrusion Detection Object Detection Line Crossing Detection Face Detection People Counting (With deep learning capabilities for further algorithm training such as facial recognition, LRP, sound detection etc)
	AI Events
	Perimeter Protection (with human, vehicle and animal targets classification): Line crossing, Region intrusion, Enter/Exit Region, Loitering detection
	Face Detection
	Passenger Flow Statistics

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General	
On-board Storage	Built-in memory card slot, support microSD card, up to 512 GB
Reset Key	Yes
Client	Kyla App
Web Browser	Google Chrome® 57 and above
	Safari® 11 and above
	Microsoft® Edge 91 and above
Web Client Language	(International languages) English
Environmental & Electrical	
Operating temperature	-20 °C to 50 °C
	Humidity 95% or less (non-condensing)
IP Rating	IP67
Vandal Rating	
Input Voltage	PoE(IEEE802.3af, Class3)
Power Consumption	PoE(IEEE 802.3af) / DC12V/1A Max 8.0W
Mechanical	
Material	Metal
Color	White
Screw Material	Torx Screw
Camera Dimension	117.6mm X 115.5mm x 78.5mm
Package Dimension	145mmx155mmx90mm
Camera Weight	450g
Certifications & Standards	
EMC	CE: EN 62368-1, CII SPR32, EN300328&EN301489-1/17
	FCC: FCC Part 15B, Part 15.247
Safety	
Environment	
DORI (EN62676-4 standard)	
4mm:	Detect (25px/m): 58.1m
	Observe (63px/m): 23.1m
	Recognise (125px/m): 11.6m
	Identify (250px/m): 5.8m
6mm:	Detect (25px/m): 88m
	Observe (63px/m): 34.9m
	Recognise (125px/m): 17.6m
	Identify (250px/m): 8.8m