

5MP Rugged Camera

VEGA 2065



Key Features

- Tough, Rugged, Vandal-resistant Housing, IK10 & IP66 – Marine Grade
- Long Life Silicone Wiper can be Remotely Controlled
- Fully Cable-managed Solution, Keeps Cables Hidden and Secure
- PoE+ (802.3at), 24VAC or 12VDC
- Thermostatically Controlled Heater
- Inbuilt, 5MP, 1/2.8" Sony sensor
- Auto Back-focus System for Sharp Images
- ONVIF profile S, G & T compliant
- Intelligent Video Analytics
- 3.8mm ~ 18mm, or 12mm ~ 50mm Lens Options

VEGA 2065 Camera Housing

The VEGA 2065 camera is part of the VEGA housing range, with a factory fitted KNIGHT VIEW 50 box camera. The 5MP box camera utilises leading-edge sensor technology, with a Super low-light CMOS sensor for high-quality images in daytime or night-time settings. The camera is provided as standard with a Manual Focus/ Auto Iris, 3.8mm ~ 18mm varifocal lens; with an optional 12mm ~ 50mm lens. A tough, stylish, die-cast aluminium, marine grade housing completes the high-quality offering.

Long Life Silicone Wiper

The tooled, long life, motorised Tru-Park silicone wiper is intelligently controlled using the CHAT interface board. The wiper can be activated via Preset (RS-485, Pelco-D), closing contact, alarm output or automatic wiper mode (5, 10, 15 or 30-minute intervals); ensuring the flat, scratch-resistant window is free of water and dirt. A linkage-free, spring steel mechanism reduces wear, and a polycarbonate window gives an even tougher option.

Cable Managed Housing

The VEGA 2065 is fully cable-managed, offering bracket base and 20mm conduit access; with two internal 20mm cable glands for enhanced security. Cables can be terminated inside the camera housing itself, so no additional junction box is required. Installation is simplified and the risk of damage from malicious attack, moisture, corrosion or dust is reduced.

Aluminium Body, Marine Grade

A tough, solid die-cast aluminium housing is pre-treated, and powder coated, resulting in cameras being well-protected against the elements and local environment, to IP66 standard. Rugged IK10 standard housing with an optional Polycarbonate window means your cameras are secure whilst keeping your premises secure.

SD Card Recording

Built-in SD Card recording up to 256GB allows network edge-recording, making sure nothing is missed, even in the event of a network data outage. ONVIF Profile G compliance means the camera can work with a compatible VMS platform or NVR, to automatically interrogate and recover recorded footage as soon as the network connection is restored.

ONVIF Compliant

ONVIF Profile S, G and T compliance offers compatibility with countless VMS platforms and NVRs. A H.265 streaming option means high-quality images at lower network bandwidth and hard-disk storage.

Additional Features

Motion Detection, Intelligent Video Analytics, Smart Encoding and Region of Interest allow users to tailor cameras to suit each individual scene, optimising recording time for only events or information that really matters to you.

Simple Installation, Maintenance Free

3D positioning arm allows you to find that perfect spot to view exactly what you need. An adjustable visor option means unwanted glare is kept out in almost any installation positions.

The housing is symmetrical, allowing for pendant or pedestal mounting to ceilings, walls and soffits.

Custom RAL Colour Options

The VEGA 2065 rugged camera housing range is available in light grey (RAL 7035) as standard. However, the cameras can also be ordered in any RAL colour. Customers simply specify the colour they require, and all the VEGA 2065 camera's external parts are painted to order. The powder-coat paint gives a robust, UV light-stable finish.

Image	Part Code and Description
	VEGA-2065-12-WALL: Fully cable managed camera housing and wall bracket. 12V DC heater. Factory fitted 5MP, 1/2.8" CMOS Starlight ABF Box Camera, 3.8-18mm lens. Ruggedised marine finish. VEGA-2065-12-50-W: Fully cable managed camera housing and wall bracket. 12V DC heater. Factory fitted 5MP, 1/2.8" CMOS Starlight ABF Box Camera, 12-50mm lens. Ruggedised marine finish. VEGA-2065-24-WALL: Fully cable managed camera housing and wall bracket. 24V AC heater. Factory fitted 5MP, 1/2.8" CMOS Starlight ABF Box Camera, 3.8-18mm lens. Ruggedised marine finish. VEGA-2065-24-50-W: Fully cable managed camera housing and wall bracket. 24V AC heater. Factory fitted 5MP, 1/2.8" CMOS Starlight ABF Box Camera, 12-50mm lens. Ruggedised marine finish. VEGA-2065PW-WALL: Fully cable managed camera housing and wall bracket. POE, 12V DC, 24V AC. Factory fitted 5MP, 1/2.8" CMOS Starlight ABF Box Camera, 3.8-18mm lens. Trupark wiper and heater. Ruggedised marine finish. VEGA-2065PW-50-W: Fully cable managed camera housing and wall bracket. POE, 12V DC, 24V AC. Factory fitted 5MP, 1/2.8" CMOS Starlight ABF Box Camera, 12-50mm lens. Trupark wiper and heater. Ruggedised marine finish.
	VEGA-2065-12-PED: Fully cable managed camera housing and pedestal bracket. 12V DC heater. Factory fitted 5MP, 1/2.8" CMOS Starlight ABF Box Camera, 3.8-18mm lens. Ruggedised marine finish. VEGA-2065-12-50-P: Fully cable managed camera housing and pedestal bracket. 12V DC heater. Factory fitted 5MP, 1/2.8" CMOS Starlight ABF Box Camera, 12-50mm lens. Ruggedised marine finish. VEGA-2065-24-PED: Fully cable managed camera housing and pedestal bracket. 24V AC heater. Factory fitted 5MP, 1/2.8" CMOS Starlight ABF Box Camera, 3.8-18mm lens. Ruggedised marine finish. VEGA-2065-24-50-P: Fully cable managed camera housing and pedestal bracket. 24V AC heater. Factory fitted 5MP, 1/2.8" CMOS Starlight ABF Box Camera, 12-50mm lens. Ruggedised marine finish. VEGA-2065PW-PED: Fully cable managed camera housing and pedestal bracket. POE, 12V DC, 24V AC. Factory fitted 5MP, 1/2.8" CMOS Starlight ABF Box Camera, 3.8-18mm lens. Trupark wiper and heater. Ruggedised marine finish. VEGA-2065PW-50-P: Fully cable managed camera housing and pedestal bracket. POE, 12V DC, 24V AC. Factory fitted 5MP, 1/2.8" CMOS Starlight ABF Box Camera, 12-50mm lens. Trupark wiper and heater. Ruggedised marine finish.

Options: *VEGA-WASH, VEGA-VISOR, VEGA-CUSTOM-PAINT, VEGA-PC4, RVX2-POLE-G, RVX2-POLE-B, RVX2-CNR-G, RVX2-CNR-B* (Pole and corner mount adaptors interface with WALL version of VEGA)

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	5MP (2592×1920)
Electronic Shutter	Auto/Manual, 1/5 ~ 1/20,000s
Min. illumination	Colour: 0.005 Lux @ (F1.6,AGC ON) B/W: 0.001 Lux @ (F1.2,AGC ON)
Day & Night	IR cut filter
Lens	
Lens	Manual Varifocal, CS Mount 3.8mm-18mm F1.4 12mm-50mm F1.6
Video	
Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 2592 x 1920, 2592×1520, 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 50/60fps Stream2: D1, VGA, 640×360, CIF, QVGA @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 200kbps~12Mbps Stream2: 100kbps~6Mbps Stream3: 100kbps~3Mbps
Region of Interest	Off/On (8 Zone, Rectangle)
Smart Encode	Supported
Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Aisle Mode	Supported
Mirror	Supported
White Balance	Auto/Manual
Day/Night Setting	Auto, Day, Night, Time
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, Defog
Wide Dynamic Range	True WDR
S/N Ratio	55dB
Motion Detection	Supported
Privacy Masking	Supported

Smart Function	
Multi-Object Detection	Supports face, human, vehicle detection and capture
Smart Events	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, People counting Support alarm triggering by specified target types (human and vehicle)
Audio	
Compression	G.711, RAW_PCM
Bit Rate	8kbps, 16kps, 64kbps
Network	
Protocols	IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP, TLS/SSL
Interoperability	ONVIF (Profile S, G & T), SDK, CGI
Max. User Access	10 Users
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
Interface	
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Input, 1ch Output
Built-in Microphone	Supported
Alarm Interface	1ch Input, 1ch Output
RS485	Supported
CVBS Interface	Supported
Reset Button	Supported
SD Card Slot	Supported, up to 256GB
Electrical	
Power Supply	12VDC, 24VAC, PoE+ (802.3at)
Power Consumption	15.8W @ 12VDC, 11.6W @ 24VAC, 18W @ PoE+ (Heater ON)
Dimensions	L 358mm x W 152mm x H 134mm
Weight	4.7kg
Operating Temperature	-40°C ~ +70°C
Relative Humidity	≤95%, non-condensing
Ingress Protection	IP66
Corrosion Testing	BS EN ISO 9227:2022 1000 Hours Salt Spray
Impact Rating	IK10 (with Polycarbonate Window Option)
Camera Body	Marine finish as standard, Aluminium, die-cast alloy, with anodised, powder-coated finish
Colour	RAL 7035 Light Grey, Custom RAL Available
Certifications	CE

