



VEGA



Tough. Durable. Versatile.

2052 Series Integral Camera Housing

The Redvision VEGA™ is a tough, fixed camera housing, which augments Redvision's rugged product portfolio. The housing seals against dirt, moisture and dust ingress. It allows an optimal combination of fixed cameras and lenses to be used in tough, outdoor environments. The VEGA™ is IP67 weather-proof rated and IK10 shock and vandal-resistance rated (excluding glass*). The housing is symmetrical, allowing for pendant or pedestal mounting to ceilings, walls and soffits. The Vega is fully cable-managed, with two 20mm cable glands for easy cable access. Cables can be terminated inside the camera housing itself, so no additional junction box is required. The housing can easily be mounted directly onto a pole or tower-top, using the VEGA-PED with its industry-standard 4" PCD base.

The VEGA™ 2050 Series offers a tough, rugged housing, with an integrated high-resolution camera module and Infra-Red LED ring; offering stunning image quality with excellent low-light performance, all in one tough, durable enclosure. Quick cable termination connections are provided; with power input protection. A motorised 2.8mm to 12mm Auto-Focus lens is fitted for fast installation setup; ensuring sharp images day and night.

2052 Features

2MP, 1080p, H.265/H.264 ICR low-light camera module with integrated Smart-IR; capable of up to 60m range at night, Wide Dynamic Range exceeding 120dB. Built-in SD card recording (up to 128GB), audio in/out, Alarm in/out, triple-stream with ROI and Corridor mode. Intelligent Video Analytics and Motion Detection functions to reduce false-alarms.



Vega 2052 Technical Specifications:

Camera

Sensor	1/2.8 CMOS Starlight sensor
Min. Lux	Colour: 0.001Lx (F1.2, AGC ON) Monochrome: 0Lx (IR LED ON)
Day/Night	True ICR switching
Shutter speed	1/5s to 1/20000s
WDR	>120dB
DNR	2D & 3D
Zoom Lens	Motorised, AF 2.7mm – 12mm
FoV (h)	100.7° to 32°
IR Range	Up to 60m reflective, Smart IR

Video

Encoding	H.264/H.265/MJPEG & ROI
Resolution	1920x1080 @ 30fps
Bitrate	100Kb/s to 12Mb/s
Streams	Primary: 1920x1080/1280x720 Secondary: D1/VGA/640x360/CIF/QVGA Tertiary: VGA/CIF/QVGA
Image settings	Corridor, Invert, HLC, DIS, Defog
RTSP	RFC2326, supports VLC/QuickTime players

Audio

Encoding	G.711, RAW_PCM
Channels	1 audio input, 1 audio output

I/O

Ethernet	10/100 BaseT, RJ45 or screw terminal connection
Analogue Video	1 output, for test monitor connection
Alarm	1 input, 1 output, voltage-free, N/O or N/C contact
SD Card	SD, SDHC, SDXC compatible, up to 128GB, Class 10
Analytics	Perimeter, Single/Double Virtual Fences, Loiter, Object Left, Object Removed, Abnormal Speed, Parking, Motion Detection

Network

Protocols	IPv4, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ICMP, IGMP, Unicast and Multicast
Connection	ONVIF, RTSP, SDK
Security	SSL/HTTPS, 802.1x, password authentication

General

Power	PoE (802.3af) or 12VDC
Power consumption	12W (IR ON), 4W (IR OFF)
Operating Temp.	-40° to +60°C
Operating Humidity	0% to 90% RH
External Dimensions	L 358mm x W 152mm x H 134mm
Weight	Approx. 5Kg including mounting bracket
Colour	RAL7035 Light Grey as standard, any RAL colour by special request
IP-Rating	IP67
Impact	Meets IK10 requirements (with optional Polycarbonate window)

Order Codes:

VEGA-2052-PED	Fully cable managed camera, including pedestal bracket; 12V DC/ POE, 2MP Sony Exmor lowlight sensor, 3.5-12mm motorised lens and autofocus. Ruggedised marine finish.
VEGA-2052-WALL	Fully cable managed camera, including wall bracket; 12V DC/ POE, 2MP Sony Exmor lowlight sensor, 3.5-12mm motorised lens and autofocus. Ruggedised marine finish.
CUSTOM PAINT	Custom paint – must specify RAL colour

Need a fully flexible housing solution for your own camera/lens choice?
Take a look at the Vega 2010 Series; with or without motorised Wiper system.



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