Redvision™

NDAA Compliant

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

- Thermostatically Controlled Heater
- PoE+ (802.3at), 24VAC or 12VDC
- Wide Variety of Fixed Cameras and Lens Options
- Symmetrical Body for Pedestal and Pendant Mounting

Onvif™ Member

VEGA 2010 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 IP66 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.

Long Life Silicone Wiper

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 2010 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 pretreated 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.

CHAT Interface Board

The Redvision VEGA includes a CHAT (Camera, Heater and Tru-park wiper) interface board for power, audio, washer and wiper control. Power options include 12VDC, 24VAC and PoE. The CHAT interface board enables wiper control and washer activation, using Pelco telemetry protocol via an RJ485 connection. If telemetry control is not available, automatic wiper and washer activation intervals can be configured using dip-switches.

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 2010 rugged camera housing range is available in light grey (RAL 7035) as standard. However, the cameras can also be ordered in any matt or gloss RAL colour. Customers simply specify the colour they require and all the VEGA 2010 external parts are painted to order. The powder-coat paint gives a robust, UV light-stable finish.

Image	Part Code and Description
	VEGA-2010-WALL: Fully cable managed Camera Housing, including wall bracket and 12V DC/24V AC heater. Ruggedised marine finish. **VEGA-2010PW-WALL:** Fully cable managed camera housing and wall bracket. POE, 12V DC, 24V AC. Trupark wiper and heater. Ruggedised marine finish.
	VEGA-2010-PED: Fully cable managed Camera Housing, including pedestal bracket and 12V DC/24V AC heater. Ruggedised marine finish. **VEGA-2010PW-PED:** Fully cable managed camera housing and pedestal bracket. POE, 12V DC, 24V AC. Trupark wiper and heater. Ruggedised marine finish.
Options	**VEGA-WASH:** Washer nozzle kit - compatible with standard CCTV wash pumps **VEGA-VISOR:** Extendable visor for VEGA Housing **VEGA-PC4:** 4mm Polycarbonate Window Option **VEGA-CUSTOM-PAINT:** Custom paint – must specify RAL colour
	RVX2-POLE-G: Pole mount adaptor 60-90mm for RVX2-WALL - Light Grey **RVX2-POLE-B:** Pole mount adaptor 60-90mm for RVX2-WALL – Black *Note: Pole mount adaptor interfaces with WALL version of VEGA*
	RVX2-CNR-G: Corner Mount adapter for RVX2-WALL - Light Grey **RVX2-CNR-B**: Corner Mount adapter for RVX2-WALL – Black *Note: Corner mount adaptor interfaces with WALL version of VEGA*

VEGA 2010 Technical Specifications

	2010	2010PW
Protocol	N/A	RS485, Pelco-D 255 addresses
Baud Rate	N/A	2400/ 4800/ 9600/ 19200
Wiper	N/A	Linkage Free, long-life silicone blade - serviceable
Power Supply	12VDC or 24VAC	12VDC, 24VAC, PoE+ (802.3at)
Max. Power (Heater ON)	36W @ 12VDC, 72W @ 24VAC (no camera)	10.8W @ 12VDC, 6.6W @ 24VAC 13W @ PoE+ (no camera)
Max. Power (Heater OFF)	N/A	2.4W @ 12VDC, 5W @ 24VAC 3.5W @ PoE+ (no camera)
Aux o/p Relays	N/A	2, voltage-free closing contacts, 10m cable max. distance to secondary device (BS4737 Type 2)
Dimensions (Ext)	Pedestal: L 358mm x W 152mm x H 309mm Wall: L 420mm x W 152mm x H 369mm	Pedestal: L 358mm x W 152mm x H 309mm Wall: L 420mm x W 152mm x H 369mm
Dimensions (Int)	L 290mm x W 79mm x H103mm	L 228mm x W 79mm x H103mm
Weight	3.7Kg (no camera, wall bracket fitted)	4.2Kg (no camera, wall bracket fitted)
Enclosure	Die Cast Aluminium, Powder-Coated Marine finish, Toughened Glass Window (Polycarbonate available by special order)	Die Cast Aluminium, Powder-Coated Marine finish, Toughened Glass Window (Polycarbonate available by special order)
Corrosion Testing	BS EN ISO 9227:2022 1000 Hours Salt Spray	BS EN ISO 9227:2022 1000 Hours Salt Spray
Cable entry	Base/ 20mm conduit access 2x 20mm internal glands	Base/ 20mm conduit access 1x 20mm Split Gland; 1x 20mm standard gland
Visor (Optional)	Aluminium, Matt Black, adjustable	Aluminium, Matt Black, adjustable
Colour	RAL 7035 Light Grey as standard Any RAL colour available by request	RAL 7035 Light Grey as standard Any RAL colour available by request
IP-Rating	IP66	IP66
Impact	Meets IK10 requirements	Meets IK10 requirements
Operating Temp.	-40º to +70ºC	-40º to +70ºC