

# EVOLUTION 05 & 12



## 360° STAINLESS STEEL CAMERAS



Where performance,  
style, and resilience  
become one.



# Evolution 05 and 12

## 360° Stainless Steel Cameras



### Introduction

At Oncam, we're committed to bringing our cutting edge 360-degree imaging technology to brand new applications and environments.

The Evolution 05 and 12 Stainless Steel Cameras make 360-degree imagery possible in extreme conditions. The cameras are certified to the toughest and most stringent requirements to give Oncam's best image quality in a tough yet stylish enclosure, enabling Total Situational Awareness in more challenging applications.

As with all Oncam 360-degree cameras, both the Evolution 05 and Evolution 12 feature Oncam's industry-leading dewarping software, available on our free mobile app and all major recording systems. Customers can then apply Oncam's unique 360-degree view of the world to the most demanding environments.

### Available Models

- Evolution 05 Stainless Steel: 5MP 360-degree camera
- Evolution 12 Stainless Steel: 12MP 360-degree camera

Both cameras are available in two mounting options: surface mount and pendant mount.

### Applications

With its innovative design, the Evolution Stainless Steel camera opens up new possibilities in the most extreme applications that require heavy wash-down or exceptional resistance to corrosion.

The camera is uniquely suited to demanding environments such as:

- Food processing areas
- Industrial and chemical plants
- Vehicle wash stations
- Ports and marine applications.

In addition to these environments, the premium material and stylish design make the camera a great complement to prestige architecture.

### Key features

- IP69K rating for maximum dust and water protection,
- NSF certified to NSF/ANSI Standard 169 – Special Purpose Food Equipment and Devices, to guarantee compliance with sanitation standards for commercial food equipment, components and materials,
- HCV EU marked for HACCP environments
- IK10 rating for vandalism protection,
- Electropolished marine grade 316 Stainless steel for additional resistance to corrosion and a premium feel.





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### What is the IP69K rating

IP69K is the highest IP protection rating available against water and dust ingress and it is widely used to test products that need to withstand sanitary wash downs. This test is normally split in two sections.

- During the IP6x test against dust ingress, the camera is placed into a chamber and a vacuum pump is attached. The pump tries to draw air out of the camera whilst fine powder dust is circulated in the chamber. The test is considered passed if, after inspection, no trace of dust is found inside the camera.
- During the IPx9K test against water ingress, the camera is sprayed with 80°C (176°F) water at a pressure of 100bar (1,450psi) from different directions, for 2 minutes. The test is considered passed if no water is observed inside the camera.

### What are the NSF certification and HCV EU mark

The Stainless Steel cameras have been certified by NSF International to NSF/ANSI Standard 169 – Special Purpose Food Equipment and Devices.

With this certification, the cameras are compliant with all applicable North American regulatory sanitation requirements for splash zones. Their design and construction have been reviewed and meet the required cleanability standards, which ensure ease of cleaning and safe use in kitchens and food service establishments.

The HCV EU mark guarantees cleanability standards in accordance with EU Standard 1672-2., making the cameras fit for HACCP controlled environments.

### Why electropolished marine grade 316 stainless steel

Marine grade 316 stainless steel has a greater resistance to corrosion and rusting when compared to traditional steel.

This premium material makes the enclosures of the Evolution 05 and 12 Stainless Steel Cameras suitable for the harshest of environments as well as maximizing their life.

Electropolishing guarantees a smooth finish, which allows for easier sanitation and gives a premium look and feel.



# Evolution Stainless Steel

5MP / 12MP – 360° Cameras



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