

UNI-OPS7C1

Pressurised outdoor dome housing



Overview

Clear bubble pressurised dome housing

The Sony UNIOPS7C1 7-inch Pressurised Outdoor Dome Housing (Clear Bubble) offers excellent protection to the SNC series cameras from rain, snow, wind, dust, pollution, and insects. For maximum protection from the elements, this outdoor housing uses internal pressure produced by dry nitrogen to seal off even the smallest openings. The Schrader valve of the housing maintains the pressure in the housing, while the pressure relief valve helps release excess pressure. In addition, an integrated heater and blower system shields the camera in low temperatures and prevents the lower bubble from fogging up in high humidity. Made of durable engineered plastic, the top body of the housing is flame-retardant and UV protected, making it an excellent choice for installation in outdoor and high-risk locations. Designed for discreet surveillance, the housing is equipped with a clear lower dome that helps in maximum light transmission.

Pressurised dome

The pressurised dome creates a constant pressure within the inner housing. Pressurised to 7 psi to maintain pressure for 2-3 years. Schrader valve to fill the housing with dry nitrogen. A relief valve prevents over-pressurisation of the enclosure. A 10-pin hermetically sealed connector is located at the top of the housing for power, video, and control functions.

Features

Rugged construction

The upper body of the 7-inch (177.8 mm) housing is made of plastic and is 94 VO flame-rated. The dome shell is constructed from optically clear thermoplastic polycarbonate.

Harsh weather conditions

Equipped with a 24 VAC input blower and a thermostatically controlled 50 W heater that turns on and off at 60°F (15°C) and 80°F (27°C) respectively. There is a 24-hour fan operation for effective protection against heating and condensation. Corrosion protection makes it ideal for use in harsh weather conditions. Water-proof IP67-rated housing provides protection against dust and water. Designed to meet NEMA 4x for water ingress.

Power

The input voltage is 24 VAC and the housing shall include 24 VAC to 12 VDC power supply for the camera.

Compatibility

Designed for the e SNC-RZ50N and SNC-RZ30N outdoor dome cameras. 1.5" NPT quick connect coupling.

Gallery

