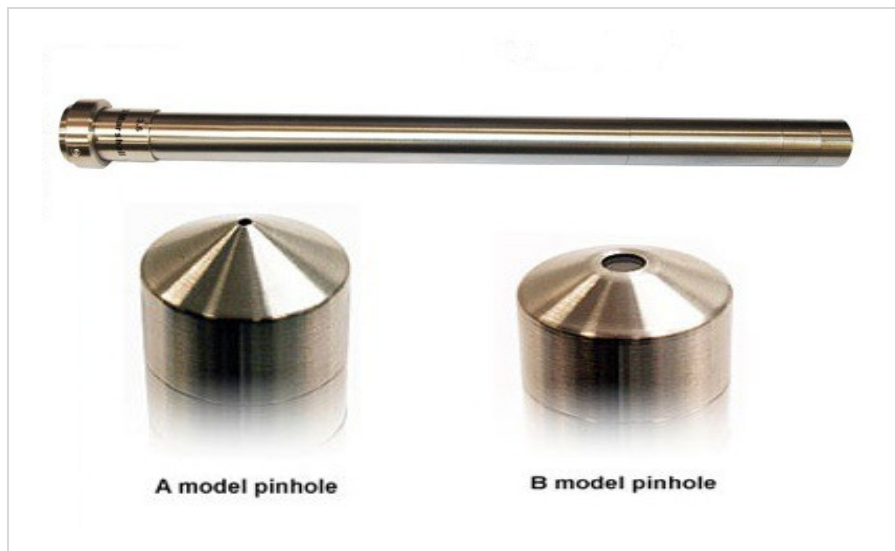


HT.1000 High Temperature Pinhole Lenses

Harsh Environment Zoom Pinhole Camera lenses



Amazing technology, the High Temperature Zoom Pinhole Lenses are designed to withstand temperatures up to 1000° C for up to ten minutes for the purpose of surveying hot or hostile environments, such as furnaces, incinerators, and kilns. Industries that benefit from such lenses include iron and steel manufacturing, environmental monitoring, ceramics and glass making, and energy production.

The V-ZPL-HITEMP lenses are available in two models, detailed below. The new 323mm overall length models are designed for industrial process high temperature environments where observation windows are structurally recessed. 323mm lens length provides the ability to position lens pinhole near or at the surface of an observation window and the CS-Mount camera is greater than 300mm distance from the higher temperature window surface area for robust, longer term camera survivability. The length of the lenses enables ease of installation for additional camera cooling equipment.

Impact resistant lenses

Extreme durability against gravel impact and scatter sand

Operating temp - at 1000°C up to 10 minutes

Widely compatible CS mount for standard, HD and megapixel IP cameras.

Corrosion resistant stainless steel housing

Technical Specifications

Model A – Part number **RV-ZPL-HITEMP-A-323**

Focal Length: 3.6mm - 18.0mm

Aperture: F1.8 - F9.0

FOV: 80° ~ 19°

Image: 1/3"

Mount: CS

Pinhole Diameter: 1.2mm

Model B – Part Number **RV-ZPL-HITEMP-B-323**

Focal Length: 3.6mm - 18.0mm

Aperture: F1.8 - F9.1

FOV: 80° ~ 19°

Image: 1/3"

Mount: CS

Pinhole Diameter: 3.8mm

Construction - A-323 model

Housing: stainless steel

Optical elements: quartz front elements

Dimensions: 323mm length x 20mm diameter

Max op temp: Up to 10 min at 1000° C

Construction – B-323 model

Housing: stainless steel

Optical elements: Sapphire front element, quartz second element

Dimensions: 323mm length x 20mm diameter

Max op temp: Up to 10 min at 1000° C