

WATERCOOLED CCTV CAMERA WITH ZOOMLENS.

FEATURES AND BENIFITS

- Complete stainless-steel housing.
- Up to 400°Celsius ambient temperature using VICOR glass.
- Provided with an air barrier preventing dust and heating up of the glass.
- Provided with mounting bracket.
- Including alarm contact closing at 50°Celsius.
- Four- (4) meter connection cable protected with silicon Teflon heat resistant cover.



Model PR-FCC-001/WC/Z

Optionally provided with infra-red cut filter blocking heat radiation from Furnace.

Camera B&W (Optionally or colour)



Zoomlens 3 motor 6-60mm (Optionally fixed lens)

Camera with assembled motorized zoomlens

The model PR-FCC-001/WC/Z is water-cooled camera with motorised zoomlens designed to operate in high temperature environments, i.e. foundries, ovens etc.

The housing consisting of a double wall cooling chamber, closed by two (2) heavy gauge flanges.

An air barrier is included to prevent the formation of dust and attenuates the heat of the glass itself.

Specifications.

Water cooled housing

Construction : Stainless steel AISI 304 and double chamber. Air barrier inlet ¼". Water in/out ½". Cable entries: two (2) entries ½".

Mounting : By use of included swivel mount bracket.

Water requirements : - At 200°C ambient temperature use inlet water 20°C at 2 L/min to obtain inside max 32°C.
 - At 300°C ambient temperature use inlet water 20°C at 2,2 L/min to obtain inside max 41°C.
 - At 400°C ambient temperature use inlet water 20°C at 6,5 L/min to obtain inside max 44°C.

Cabling : Two entries ½". Standard supplied with 10-meter cable covering coax and power. Silicon protection cover.

Protection : IP67

Temperature range : Max. 400°C ambient temperature using VICOR glass and with above given values for cooling water.
 Max. 250°C ambient temperature using standard glass.

Dimensions (LxWxD): Ø 154x350mm. Max camera dimensions: Horiz.81mm, Vert.75mm

Shipping weight : 11Kg.

Camera with lens

Power consumption : 4Watt/12-24VDC
 Minimum scene illumination : 1,5 Lux (4,5 Lux full video) at F=1,2
 CCD image sensor : 1/3 " 752Hx582V .
 Resolution : 570TV lines
 Lens : 6-60mm with 3 motors