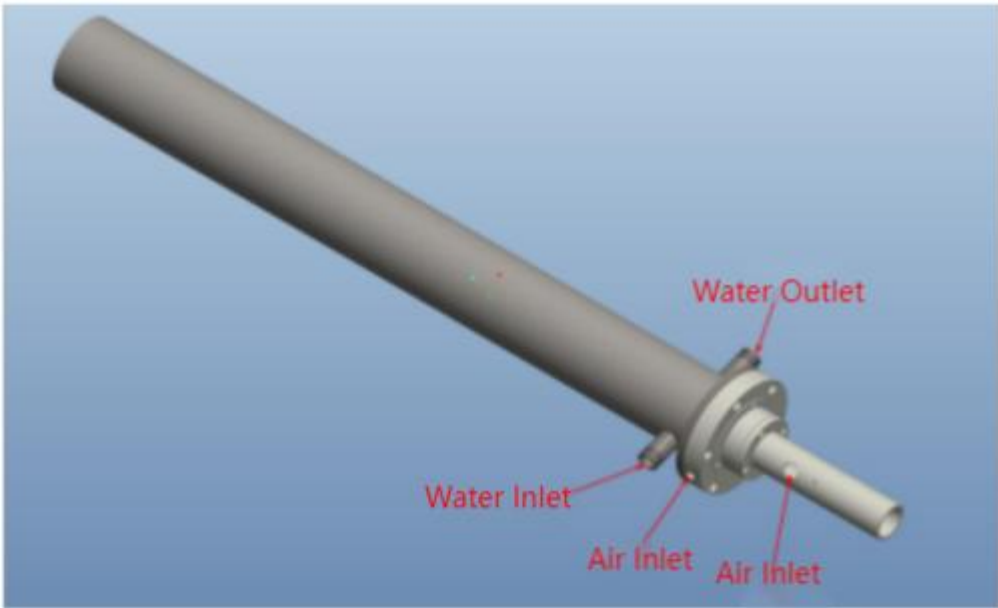


Camera for Galvanizing furnace

Model number: RB-TVG-GX

Camera for Galvanizing furnace is a specialized closed-circuit television (CCTV) device designed for high-temperature environments. The system employs compressed air and circulating water for cooling. This high-temperature camera features a unique structure and auxiliary lighting, allowing the camera probe to be inserted into the annealing furnace for galvanized or tin-plated processes. Through high-definition video, it provides clear observation of the production process, such as the condition of the strip inside the furnace. It is characterized by high-temperature resistance, splash protection, electromagnetic interference shielding, a compact and robust design, stable and clear imaging, and ease of installation and maintenance.

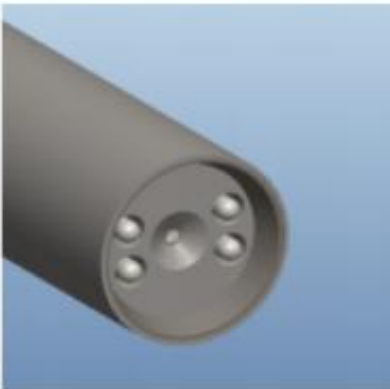


Product Features

- Wide-Angle Field of View: 110°,
- Capable of outputting high-definition digital network images.
- The system is resistant to high temperatures and splashes, equipped with auxiliary lighting, providing clear
- Stable images with strong electromagnetic interference resistance.
- The protective structure is compact, robust, and durable.
- The rod-type camera probe supports quick plug-and-play operation online
- The water-cooled purging sleeve also supports quick plug-and-play operation online.

Technical Specification

Camera shot	
Lens length	Length can be customized according to the drawing.
Viewing angle	Direct view 0°
Angular field of view (regular model)	110°
Lens Mount	CS
Focus and Iris	Manually adjustable



Conditions of use	
Heat-resistant	Up to1400℃
Cooling system	Compressed air and water cooling
Installation	Fixed flange
Power supply	220VAC/50Hz

System Selection	
RB-TVG-GX	Direct observation

Compressed air requirements	
Air pressure	$\geq 0.3\text{MPa}$
Air flow rate	$\geq 15\text{m}^3/\text{h}$
Air temperature	$< 35^\circ\text{C}$
Air mass	Clean air free of dust, oil and water

Cooling water requirements	
Water inlet pressure	$\geq 0.3\text{MPa}$
Water flow rate	$\geq 1\text{m}^3/\text{h}$

Camera Specifications	
1/2.7" Progressive Scan CMOS	
Model: RB-TVG-DX Pixel 2 million	
30fps,can output real-time image	
Support wide dynamic range up to 120dB, suitable for backlight environment monitoring	
Support ONVIF(profile S/profile G), CGI, PSIA, ISAPI, GB/T28181 and EHOME protocol access.	
Support 10M/100M/1000M adaptive network interface	

Power Supply	DC12V $\pm$ 10%
Operating Temperature	-30℃~60℃
Power Consumption	<30W

Rendering



On-Site Image

