



ASCW-4 High Temperature Camera with Water-Cooled Housing



ASCW-4 water-cooled housing is made of stainless steel, which has high corrosion resistance and can be used as monitoring and control in high-temperature, dusty and corrosive gas environments. It can be widely used in metallurgy, chemical industry, cement and other industries, with the purpose of improving production efficiency, enhancing management level, improving the working environment and reducing labor intensity.

CCD special color camera and network camera can be installed in this housing.

Requirement

Ambient temperature: less than 300°C

Relative humidity: $\leq 80\%$

Atmospheric pressure: 86-106Kpa

Dust concentration: $\leq 200\text{mg}/\text{m}^3$ (cement dust as the standard)

Conditions of use (continuous use is allowed under the above environmental conditions)

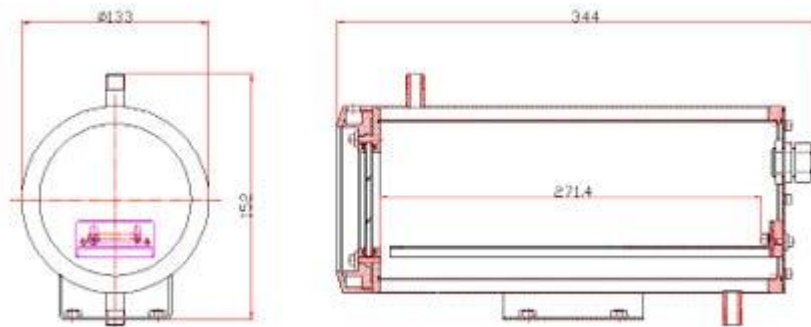
The temperature of the compressed air at the inlet $\leq 40^\circ\text{C}$, the flow rate: 0.3-0.6 m^3/min

Compressed air pressure at the inlet: 0.2-0.7 Mpa

The cooling water temperature $\leq 35^\circ\text{C}$, the pressure $\geq 0.1\text{Mpa}$, and the maximum water pressure is 1Mpa

installation dimensions

Overall configuration diagram :



Size : 344mm× 133mm×152mm

Fixed dimensions at the bottom of the platform :

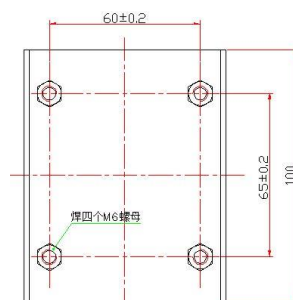
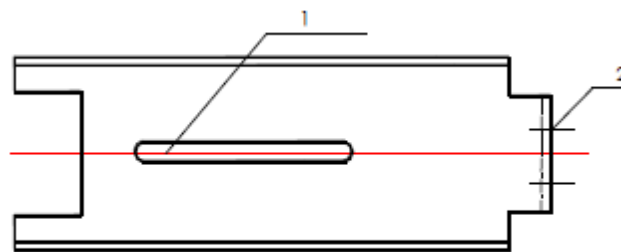


Figure 1

Diagram of camera installation :



“1”----Fixed cameras “2”-----Shelf fixing holes

Camera Parameter

Electric zoom camera module

Optical Parameter	Sensor	1/2.7"COMS
	Lens	2.8-12mm Electric zoom
	Shutter	1/25~1/100000
	Aperture	Fixed aperture
	Illuminance	0.01 Lux

	Digital noise reduction	3D Digital noise reduction
Image parameter	Main code stream	PAL : (2560*1440, 2048*1536、 1920 × 1080,1280 × 720)25fps
		NTSC : (2560*1440, 2048*1536、 1920 × 1080,1280 × 720)30fps
	Auxiliary code stream	PAL : (720×576, 352×288) 25fps
		NTSC : (720×480, 352×240) 30fps
	Wide dynamic	Digital wide dynamic
	Image adjustment	Brightness, contrast, saturation, sharpness can be adjusted
	Image setting	Area occlusion, anti-flicker, mirror, flip, corridor mode
ROI	4 Region Settings	
Smart	Smart detection	Perimeter detection, trip wire detection, human form detection
Network function	Intelligent alarm	Motion detection, video blocking, network outages, IP conflicts
	Support protocol	TCP/IP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, FTP, NTP, SMTP, UPnP
	Access protocol	ONVIF, Active registration, Cloud protocol, GB/T28181
	General function	Dual stream, password protection, heartbeat, IP whitelist
Compression standard	Compression standard	H.264/H.265 : Baseline , Main Profile , High Profile
	Compress the output bitrate	64 Kbps~16Mbps
Interface definition	Communication interface	1 RJ45 10M/100M adaptive Ethernet port

