DEK-FL Air-cooled Camera Housing

Product specification | A01 / 2018

Changzhou Derke Electromechanical Equipment Co., Ltd.

English translation of DEK-FL.pdf. Source ratings, historical standards and source conflicts are retained. This translation does not update the product specification or issue a new certificate.

Product description

This double-wall stainless-steel high-temperature housing is intended for metallurgy, building materials, power generation, chemical plants and other hot, dusty or corrosive-gas industrial locations with ambient temperatures below 100°C. It can protect cameras or other instruments. Compressed air flows through the jacket to form an air curtain at the front, providing cooling and dust exclusion. The source states IP65 protection.

Features

Double-wall stainless-steel construction; compressed-air cooling and front air curtain; corrosion and dust resistance; semi-fixed pan/tilt or fixed-bracket mounting.

Technical parameters from the source

Parameter	Value
Camera	3 MP HD camera (optional)
Sensor	CMOS
Resolution	2048 x 1536
Day/night switching	ICR infrared-cut filter
WDR	Digital WDR
Shutter	1/3 s to 1/100,000 s
Image settings	Corridor mode, saturation, brightness, contrast and sharpness adjustable through client software or browser
Minimum illumination	0.001 lux
Lens	4 mm, horizontal FOV 60.5°; 6/8/12 mm optional
Aperture	F1.6-F3.5
Video compression	H.264 / H.265
Power supply	220 VAC / 12 VDC
Power consumption	<=15 W
Cable-entry thread	G3/4
Material	304 stainless steel
Weight	3 kg, including camera
Mounting	Semi-fixed pan/tilt or fixed bracket

Reference illustrations

Original dimension drawings and interface screenshots are retained for reference. Original-language labels may remain inside these images; the English operating text and legends explain them. Dimensions are copied from the supplied source, not redrawn or recalculated.

Figure 1. Source page 2, illustration 1.



Figure 2. Source page 2, illustration 6.

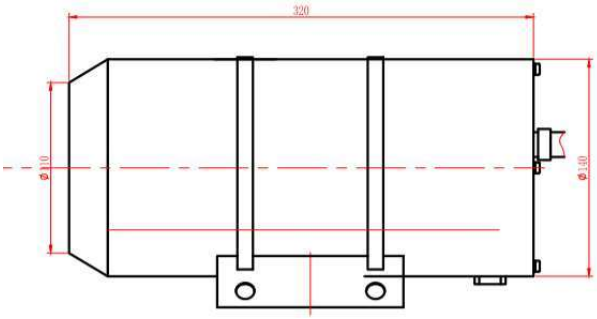


Figure 3. Source page 2, illustration 7.

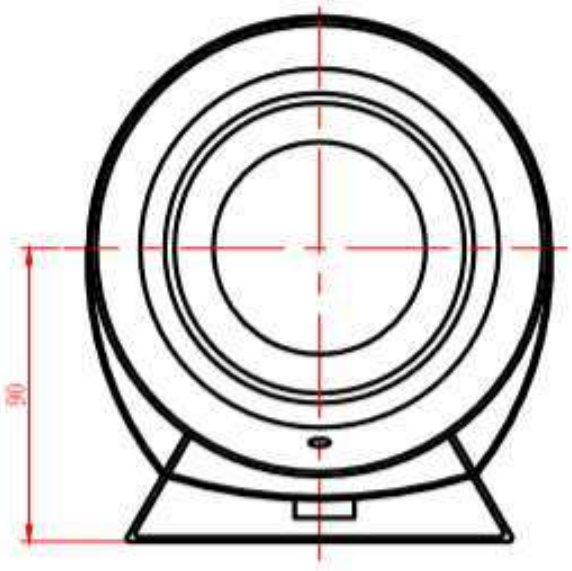


Figure 4. Source page 2, illustration 8.

