DEK-500W Explosion-proof Camera

Product specification | A01 / 2018

Changzhou Derke Electromechanical Equipment Co., Ltd.

English translation of DEK-500W.pdf. Source ratings, historical standards and source conflicts are retained. This translation does not update the product specification or issue a new certificate.

Source notes

The source says to see the PDF drawing for dimensions. No recommended bracket value is given in its table.

Product description

Stainless-steel IP68 equipment with a lens configurable for site requirements. The source specifies stable operation from -20°C to +60°C. A special tempered flat-glass window protects image clarity. Semi-fixed pan/tilt or fixed-bracket mounting permits straightforward installation and maintenance.

Features

304/316L stainless-steel enclosure; coated, high-strength tempered-glass viewing window; IP68 dust and water protection. Standard wiper, fan and heater; optional camera configuration.

Technical parameters from the source

Parameter	Value
Camera	2 MP, 20x/23x HD camera (optional configuration)
Fan / wiper / heater	Standard / standard / standard
Automatic heating	ON at <=-10°C +/-5°C; OFF at >=+10°C +/-5°C
Explosion protection marking	Exd IIC T6 Gb / Ex tD A20 IP68 T80°C
Power supply	24 VAC / 220 VAC / 12 VDC
Power consumption	<=30 W
Operating temperature	-20°C to +60°C
Ingress protection	IP68
Mounting	Semi-fixed pan/tilt or fixed bracket
Material	304/316L stainless steel
Weight	8 kg, including camera
Overall dimensions	416 x 139 x 183 mm
Viewing window	1, diameter 56 mm

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 3.

