DEK-Q56 Explosion-proof Speed Dome

Product specification | A01 / 2018

Changzhou Derke Electromechanical Equipment Co., Ltd.

English translation of DEK-Q56.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 feature-list speed above 300°/s and tilt 0-90° differ from table values. The unusual preset-accuracy unit is transcribed without resolving it; confirm with DEK.

Product description

Intended by the source for flammable/explosive gas and combustible-dust environments. A high-definition coated window provides clear imaging. Automatic low-temperature heating, defogging, camera-name and azimuth display, scan/patrol patterns, privacy zones and user management are described.

Features

304/316 stainless-steel enclosure; continuous 360° pan; the feature list gives 0-90° tilt and speed above 300°/s. Multiple control protocols; manual, panoramic and event tracking, with multi-scene patrol tracking; Hikvision, ONVIF and Dahua protocols.

Technical parameters from the source

Parameter	Value
Camera	2 MP, 20x HD camera (optional)
Sensor	1/2.8-inch Progressive Scan CMOS
Resolution	1920 x 1080
Minimum illumination	Color: 0.02 lux at F1.6, AGC ON; B/W: 0.002 lux at F1.6, AGC ON
Video compression	H.265 / H.264 / MJPEG
Day/night switching	Automatic ICR infrared-cut filter switching
White balance	Auto / manual / auto-tracking / outdoor / indoor / fluorescent / sodium-lamp white balance
Signal-to-noise ratio	>=55 dB
Fan	Standard
Automatic heating	ON at <=8°C +/-5°C; OFF at >=20°C +/-5°C
Automatic fan cooling	ON at >=37°C +/-5°C; OFF at <=20°C +/-5°C
Explosion protection marking	Exd IIC T6 Gb / Ex tD A21 IP68 T80°C
Certificate number stated in source	CJEx13.0033
Material	304 stainless steel standard; 316L optional
Ingress protection	IP68
Power supply	24 VAC / 220 VAC
Power consumption	18 W max
Operating temperature	-40°C to +65°C
Finish	Electropolished
Pan / tilt range (table)	360° continuous / -5° to 90°, automatic flip
Pan / tilt speed (table)	0.1-250°/s / 0.1-150°/s, configurable
Cable-entry thread	G3/4 (quantity not given in source table)
Viewing window	Extra thick
Communication	ONVIF / Hikvision / Dahua
Presets / patrol routes	300 / 8
Preset accuracy	<=0.1 double-prime symbol as printed in source; confirm unit
Electrical connection	Composite cable: power, control, RJ45
Weight	16 kg, including camera

Parameter	Value
Overall dimensions	308.5 x 237 x 376 (units not printed in table)
Mounting	Ceiling or wall 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.

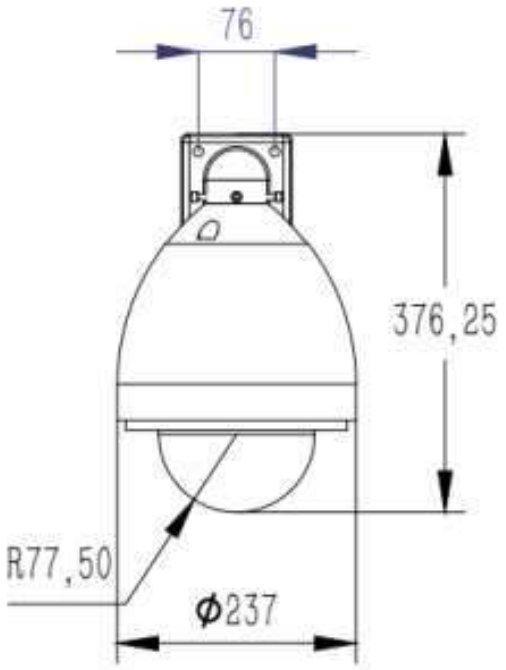


Figure 2. Source page 2, illustration 7.

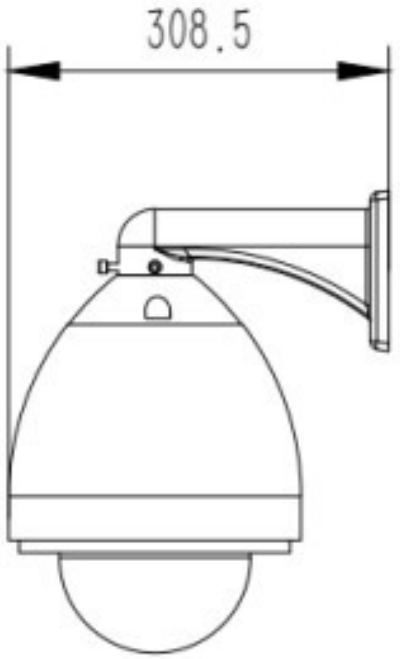


Figure 3. Source page 2, illustration 8.

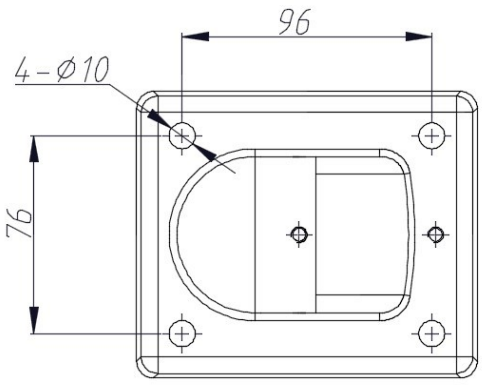


Figure 4. Source page 2, illustration 9.



Figure 5. Source page 2, illustration 10.

