



# EXPLOSION-PROOF CAMERA HOUSING

## SYE800

### PRODUCT FEATURES

Explosion-proof mark: ExdIICT6/DIP A20 TA, T6

Applicable to Zone 0 and flammable dust atmosphere

316L 304 stainless steel and carbon steel optional

Polished finish appearance (plastic-spraying after carbon steel DACROMET is used), corrosion-proof treated internal parts

3Optional sunshield, wiper, defroster for lens and heating capability

Indoor / Outdoor applications

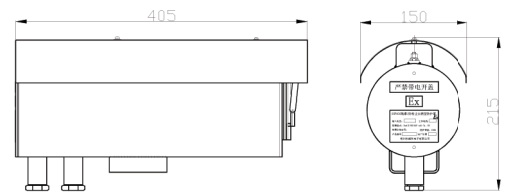
Design and manufacture on National GB3836-2000, GB12476.1-2000 basis

In accordance with IP68

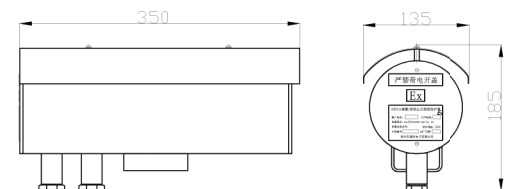
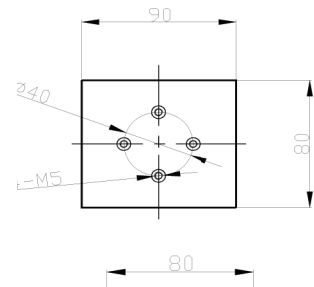
Unit weight 10kg/6kg/4kg

Heater works automatically to keep proper temperature of inside of the housing by built-in sensor

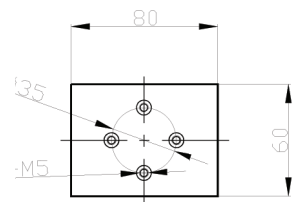
### OUTLINE DIMENSION AND INSTALLATION DRAWING



SYE800



SYE801



# TECHNICAL DATA

## Model

**SYE800**

**SYE801**

### Certification Parameter

Manufacturers Standard  
Configuration Mode  
Explosion-proof Mark  
IP  
Operating Temperature  
Cable Entries

GB3836-2000, GB12476.1-2000
front and rear caps with threaded flameproof joints
Exd II CT6 / DIP A20 TA,T6
IP68
-25°C - 60°C
2 x G1/2" Explosion-proof cable entries, Dia. of inner hole $\phi$ 12

### Mechanical Features

Material  
Wiper  
Sight Glass Dimensions  
Outside Dimensions  
Inside Dimensions  
Weight

Carbon steel / Stainless steel (304/316L)		
Inside		No
$\phi$ 75 mm		$\phi$ 67 mm
405×165×215		350×150×165
$\phi$ 125×330 mm		$\phi$ 112×300 mm
10 Kg		6 Kg

### Built-in Decoder

Controlling Device  
Controlling Device  
Voltage  
Current  
Voltage  
Current

AVR singlechip with RSIC kernel  
Switch Signal  
12VDC  
300 A  
12VDC/24VDC/220VAC  
1 A / 0.5 A / 0.1 A

NO
----

12VDC/24VDC/220VAC  
1 A / 0.5 A / 0.1 A

### Others

Sunshield  
Optional  
Cable requirement

Fitted as standard

Power supply module, Inner heating
Power supply: 2X1.0 mm <sup>2</sup> (24V DC) / 2x0.75 mm <sup>2</sup> (220V AC )
Communication: Shield 2X0.75 mm <sup>2</sup> Video: 75 $\Omega$