

Explosion Proof CCTV Camera

► BTS-7C Explosion-proof Thermal Imaging Gun CCTV Camera (Dual optical fusion)

► Product Introduction:

The explosion-proof performance comply with ATEXEN60079

It is suitable for zones 1 and 2 with class II A, II B, II C flammable gas, ignition temperature group T1-T6 group, flammable gas or vapor and air formed explosive mixture of places, also suitable for ignition temperature group T1-T6 group 20 zone, 21 zone, 22 zone, containing combustible dust mixture places.

Such as: petroleum, chemical industry, mine, military, medicine, oil depot, ship, drilling platform, gas station, fireworks production, grain processing and storage.

The explosion-proof infrared shield can be installed with a camera with a prime or zoom lens, or can be installed with a million high-definition network camera to meet the needs of various environments. It can work stably from -25 °C to +70 °C for a long time. 220VAC or 12VDC power supply is available. The window is made of special tempered flat glass, which ensures the clarity of the image while being strong and durable.

With 2 outlet holes, explosion-proof flexible pipe or armored cable can be used for explosion-proof electrical connection. Easy to install, simple maintenance, can choose electric head, fixed support, base, column, tower installation.

► Product features:

Thermal imaging: resolution: 256 × 192; Focal length: 3mm; Field of view: 24.9° (H) × 18.7° (V)

Visible light: resolution: 2688× 1520.4 million; Focal length: 4mm; Field of view: 84.0° (H) × 44.8° (V)

Temperature measurement accuracy: ±2 °C or ±2% °C of the range (maximum)

Temperature measurement range: two temperature measurement, first grade -20~150 °C, second grade 0~550 °C; Automatic switching

The maximum alarm distance of personnel perimeter (1.8m * 0.5m) : 70m

The maximum alarm distance of vehicle perimeter (4 m *1.4 m) : 210m

The maximum temperature measurement distance of the target object (0.1m * 0.1m) : 11m

Support 50 meters infrared fill light

Power supply: AC220V or PoE (802.3af)

Operating temperature and humidity: -40 °C~60 °C, < 90% RH

Protection level: IP68

Shell material: 316L stainless steel;

Explosion-proof mark: Ex d II C T6 Gb/Ex tD A21 IP68 T80 °C

Compatibility: Fully compatible with Hikvision 8832 hard disk video recorder access;

Technical services: We can provide technical services to guide installation and commissioning.

Application scenario:

With II A, II B, II C class flammable gas.

The ignition temperature group is Zone 1 and Zone 2 of group T1-T6.

Places where combustible gases or vapors form explosive mixtures with air.

III A, III B, III C sites containing combustible dust mixtures.

Ignition temperature groups for T1-T6 group 21 zone, 22 zone;

