



**Application:**

It has IIA, IIB, IIC flammable gas, and the ignition temperature group is zone 1 and zone 2 of the T1-T6 group. The flammable gas or the explosive mixture formed by steam and air is also applicable to the ignition temperature group. It is a place containing a combustibile dust mixture in Zones 20, 21, and 22 of the T1-T6 group. Such as: petroleum, chemical, mine, military, medicine, oil depot, ship, drilling platform, gas station, fireworks production, grain processing and storage.

**Characteristics:**

- GB3836.1-2010 《Explosive atmospheres Part 1: Equipment General requirements》
- GB3836.2-2010 《Explosive atmospheres - Part 2: Equipment protected by flameproof enclosure "d"》
- GB12476.1-2013 《Electrical equipment for flammable dust environments Part 1: General requirements》
- GB12476.5-2013 《Electrical equipment for use in flammable dust atmospheres - Part 5: : Shell protection“tD”》
- The highest level of explosion-proof certification for a variety of harsh and high-risk areas
- The latest design concept, integrated cloud tower, decoder, infrared light / white light HD network camera integrated structure design
- The window adopts special explosion-proof glass with high luminous flux rate, completely eliminating infrared light
- The surface of the window glass is treated with nanotechnology, which is non-sticky, non-sticky, and repels dust.
- Low power consumption, low power consumption, internal convection heat dissipation design, long-term uninterrupted work
- 304/316L stainless steel for use in highly corrosive environments
- Explosion-proof, waterproof and dust-proof design, suitable for indoor and outdoor installation, all-weather use

**Main Features:**

- ◆ Professional Mini Explosion proof camera
- ◆ Ex-Mark : Exd II CT6 Gb , IP 68
- ◆ 1/3" CMOS,HD 2.0MP Resolution, ONVIF 2.0
- ◆ 6mm / 8mm lens optional

- ◆ 20M IR Distance, 0lux ( IR ON)
- ◆ ICR Filter Auto switch, Motion Detection,D-WDR

Specification:	
Model	HL-E8006-W-1080P
Ex-mark	ExdIICT6 Gb
Material	stainless steel
IP Grade	IP68
Outside Dimension	115×90mm
Image Sensor	1/3" CMOS
Resolution	2.0MP
Minimum illumination (color ,B/W,IR ON)	Color: 0.05Lux @ F1.2, B&W: 0.02Lux @ F1.2,0lux (IR ON)
Electronic Shutter Speed	1/10000s to 1/25s
Auto control	AWB/AGC/AE/AIC,4A
White Balance	Automatic
Gain Control	Automatic
S/N Ratio	≥ 39 dB
BLC	YES
Lens	
Megapixel	Yes
Day/Night	Yes( with IR CUT filter)
Lens Type	Fixed Lens
Focal Length	6mm
Maximum Aperture	F/1.2
Mount	M14
Image Format	1/2.7"
Operation (Focus/Zoom/Iris)	Manual/Manual/DC drive
Max IR Distance	20M
Operation	
Storage	Support multiple storage ,front-end storage
Video Compression	H.265/H.264 Main Profile/High Profile 5.1
Video Output	1Vp-p Composite Output (75 Ohm, BNC)
Video Streaming	32Kbps-30Mbps Continuous adjustable support CBR/VBR,support Smart AVC/SCBR, To optimize the H.264 low stream
Frame Rate	30fps at 1920*1080
Video Resolution	2MP, 1-30 fps/s
Network	
Interface	10/100M Ethernet

Ethernet Protocol	Support HTTP/RTSP/FTP/PPPOE/DHCP/DDNS/NTP/ONVIF/P2P Network protocols ,optional GB/T28181 Agreement
Network Port	10/100M Ethernet,anti-Lightning design
<b>General</b>	
Environment Temperature	-40°C~60°C
Humidity	20% to 90% RH (No condensation)
Power Supply	DC12V
Weight	18kg
Vandal Resistance	Explosion proof
<b>Web interface</b>	
Installation Management	Web-based Configuration
Maintenance	Firmware upgrade through software
<b>Applications</b>	
Network Storage	NVR, SERVER
Smart Device Access	HD Live for Windows Mobile、iPhone、iPad、Android
Live viewing	IE,mobile phone