

## EXPLOSION PROOF CAMERA DATA

(DH 4MP 30×)



### Main features:

- CNEx/ATEX certificated
- Stainless steel 304/316L
- Surface finish: electropolished or corrosion resistant paint finish
- IP68
- 1 cable gland
- 1/2.8" Progressive Scan CMOS
- H.265,H.265+
- Applicable for the extreme circumstances with explosive gas or dust, like petro-chemical, offshore, marine, oil tank, gas station, onshore sites.
- Optional accessories: sun shield, lens decoder, auto-heating, auto-cooling modular.

Camera Specification

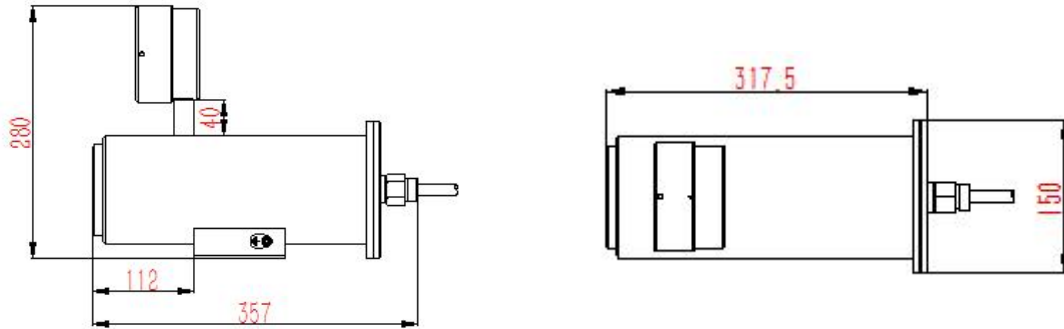
Max. Image Resolution :	2592*1520
Image Sensor:	1/3 " Progressive Scan CMOS
Shutter Speed:	1/1-1/30000s
Day & Night:	IR cut filter with auto switch
White Balance:	Auto/Manual/ATW(Auto-Tracking White Balance) /Indoor/ Outdoor/ Fluorescent Lamp/Sodium Lamp
AGC(Auto Gain Control):	Auto/Manual
BLC(Back Light Compensation):	Support
HLC(High Light Compensation):	Support
Smart Defog:	Support
WDR:	≥55dB
Digital Zoom:	16
Auto Focus:	Auto/Semi-automatic/Manual
Lens	
Focal Length:	4.5mm-135mm 30× optical zoom
Zoom Speed:	approx. 4s
Field of View:	vertical 59.8°-2.34°(Wide-tele)
Minimum Working Distance:	1000mm-1500mm
Aperture Range:	F1.6-F4.4
Alarm	
Alarm Input:	1 (0~5V DC)
Alarm Output:	1
Network	
Main Stream:	50Hz: 25fps (2592×1520) 、 25fps (2048×1536) 、 25fps (1920×1080) 、 50fps (1920×1080) 、 25fps (1280×960) 、 25fps (1280×720) 60Hz: 30fps (2592×1520) 、 30fps (2048×1536) 、 30fps (1920×1080) 、 60fps (1920×1080) 、 30fps (1280×960) 、 30fps (1280×720)
Sub Stream:	50Hz:25fps(704×576)、 25fps(352×288) 60Hz:30fps(704×480)、 30fps(352×240)
Third Stream:	50Hz:25fps (2592×1520) 、 25fps (1920×1080) 、 25fps (1280×960) 、 25fps (1280×720) 60Hz:30fps (2592×1520) 、 30fps (1920×1080) 、 30fps (1280×960) 、 30fps (1280×720)
Video Compression:	H.265; H.264BaselineProfile; H.264MainProfile; H.264HighProfile; MJPEG; smart H.265; smart H.264

Auto Compression:	G.711A; G.711Mu; AAC; G.722.1; G.726; MPEG2-Layer2; G.729
Protocols:	IPv4; IPv6; HTTP; HTTPS; 802.1x; Qos; FTP; SMTP; UPnP; SNMP; DNS; DDNS; NTP; RTSP; RTP; TCP; UDP; IGMP; ICMP; DHCP; PPPoE
User/Host:	Up to 20 users
Security Measures:	User Authentication(User ID and Password), Host Authentication(MAC Address), HTTPS Encryption,IEEE802.1x Port-Based Network Access Control
Communication interface:	PELCO/PELCOP Protocol,DH-SD1 Protocol,SONYVISCA Protocol
External Control:	RS485; Bit Rate 9600,19200,38400bps, VISCA232, Bit Rate fixed at 9600

#### General Specification

Model	FNKZ-IC.HN
Explosion levels	Ex d IIC T6 Gb/Ex tD A21 IP68 T80°C IP68
Waterproof	IP68
Input Voltage	220VAC±10%
Voltage	DC12V/AC220V/PoE(802.3af)(Class 0)
Current	≤2A
Power Consumption	≤8W
Installation	Outdoor
Operation Temperature	-20°C ~ +60°C
Operation Humidity	≤90%RH
Dimension	350mm(L)×280mm(W)×150mm(H)
Day& Night:	IR cut filter with auto switch
Weight	10kg
Window	Two-sized coating tempered glass
Packing	Carton box with EPE inside
Packing size	510mm(L)×400mm(W)×255mm(H)

Dimension



Pack



Accessories



EX-Proof box



flexible pipe