

## EXPLOSION PROOF CAMERA DATA

(Dahua 2MP 3-10X)



Main features:

- CNEEx/ATEX certificated
- Stainless steel 304/316L
- Surface finish: electropolished or corrosion resistant paint finish
- IP68
- 2 cable glands
- 1/2.8" Progressive Scan CMOS
- 1920(H)\*1080(V)@60fps
- H.265,H.265+
- Applicable for under water or sea.
- Optional accessories: auto-heating, auto-cooling modular.

### Camera Specification

#### Camera

Image Sensor:	1/2.8" Progressive Scan CMOS
Effective Pixels:	1920(H)*1080(V)
RAM/ROM:	256MB/32MB
Scanning System:	Progressive
Electronic Shutter time:	Auto/Manual,1/3 ~ 1/100000s
Min. Illumination:	Color: 0.004 Lux/F1.2(Color,1/3s,30IRE), 0.04Lux/F1.2(Color,1/30s,30IRE) B/W: 0.002 Lux /F1.2(B/W,1/3s,30ire), 0.02Lux/F1.2(B/W,1/30s,30IRE)
S/N Ratio:	More than 50dB
IR Distance:	N/A
IR On/Off Control:	N/A
IR LEDs:	N/A
Intelligence	
IVS:	Tripwire, Intrusion, Object Abandoned/Missing
Video	
Compression:	H.265+/H.265/H.264+/H.264
Streaming Capability:	3Streams
Resolution:	1080P(1920*1080)/1.3M(1280*960)/720P(1280*720)D1(704*576/704*480)/VGA(640*480)/CIF(352*288/352*240) Main Stream:1080P(1-50/60fps)
Frame Rate:	Sub Stream:D1(1-50/60fps) Third Stream:1080P(1-25/30fps)
Bit Rate Control:	CBR/VBR
Bit Rate:	H.264: 24-9472kbps H.265: 14-5632Kbps
Day/Night:	Auto(ICR)/Color/B/W
BLC Mode:	BLC/HLC/WDR(120dB)
White Balance:	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control:	Auto/Manual
Noise Reduction:	3D DNR
Motion Detection:	Off/On(4 Zone,Rectangle)
Region of Interest:	Off/On(4 Zone)
Electronic Image Stabilization(EIS):	N/A
Smart IR:	N/A
Defog:	N/A
Digital Zoom:	16x
Flip:	0°/90°/180°/270°
Privacy Masking:	Off/On(4 Area, Rectangle)

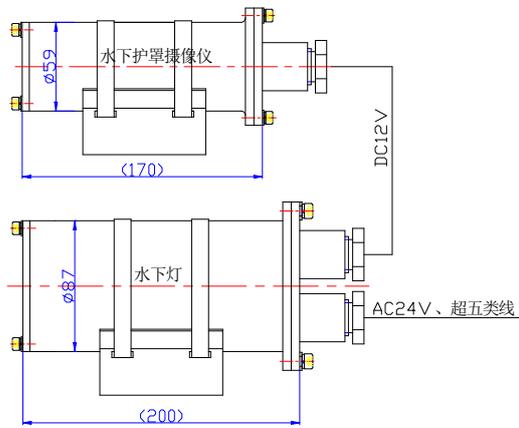
Audio	
Compression:	G.711a/G.711Mu/AAC/G.726
Network	
Ethernet:	RJ-45(10/100Base-T)
Protocol:	HTTP;HTTPs;TCP;ARP;RTSP;RIP;UDP;SMTP;FTP;DHCP;DNS;DDNS;PPPOE;IPv4/v6;QoS;UPnP;NTP;Bonjour;802.1x;Multicas;ICMP;IGMP;SNMP
Interoperability:	ONVIF,PSIA,CGI
Streaming Method:	Unicast/Multicast
Max. User Access:	10 Users/20 Users
Edge Storage:	NAS/Local PC for instant recording/Mirco SD card 128GB
Smart Phone:	IOS, Android
Day& Night:	IR cut filter with auto switch
Video bit rate:	32Kbps~16Mbps
Max. Image Resolution:	1920×1080
Image Settings:	Saturation, brightness, contrast adjustable through client software or web browser
Network Storage:	NAS (Support NFS,SMB/CIFS)
Alarm Trigger:	Motion detection, tampering alarm, network disconnect , IP address conflict, storage exception
Protocols:	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS,FTP,802.1x, Qos (SIP, SRTP, IPv6 option -al)
Security:	User Authentication, Watermark, IP address filtering, anonymous access, flickerless, heartbeat, video mask
System Compatibility:	ONVIF (Profile S, Profile G), PSIA, CGI, ISAPI

#### General Specification

Model	FNKZ-IC.SX
Camera	Analog(SD/AHD/HD-SDI), Digital(IP network)
Explosion levels	Ex d IIC T6 Gb/Ex tD A21 IP68 T80°C IP68 (CNEX) II 2 G Ex db IC T6 Gb/II 2 D Ex tb IIIC T80°C Db(ATEX)
Waterproof	IP68
Input Voltage	220VAC±10%/AC12V/POE
Voltage	DC12V/AC220V/PoE(802.3af)(Class 0)
Current	≤15000mA
Power Consumption	≤25W
Operation Temperature	-20°C ~ +60°C
Operation Humidity	≤90%RH
Dimension	270mm(L)×170mm(W)×140mm(H)

Window	Borosilicate, both side nano coating
Weight	15kg
Working depth	< 50m
Winder defroster	Optional
infrared	white
Packing	Carton box with EPE inside

Dimension



Accessories



EX-Proof box



flexible pipe