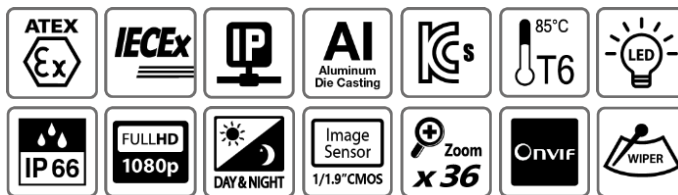


## | Explosion Proof Full HD IP Fixed Camera System



## iCUBE-PF-1000EX

### Key Features

- Ex Certifications : IECEx / ATEX / KCs
- Ex Certifications (Dust) : Ex tb IIIC T85°C Db, Zone 21 & 22
- Specialized powder coating optimized for dust explosion zones such as coastal areas, ships, power plants, steel mills, cement factories.
- Anti-Corrosion, Anti-Salt, Anti-Chemical Special Coating for Near Sea Area and Ocean Vessels
- High Quality Aluminium Die Casting Structure
- Full HD 2 Megapixel, 1/1.9" High Sensitivity
- Optical 36X Zoom (6~216mm) & Digital 32X Zoom
- High Performance Hybrid Infra-red LED ( Max.100m)
- H.264, H.265, MJPEG Video Streaming
- Ingress Protection Rating : IP66
- Cable outlet : 3/4" NPT & 1/2" NPT
- Support ONVIF
- Built-in Wiper
- Real-Time True WDR
- Digital Image Stabilizer
- Defog Function

## CAMERA PART

Sensor Type	1/1.9" Sony STARVIS CMOS Sensor
Effective Pixels	1937(H) x 1097(V)=2.12 M Pixels
Resolution	1920 x 1080p
Lens	36X F= 6mm~216mm / F1.5(wide) ~ F4.8(tele)
Angular Field of View (D/H/V)	D : 63.31°(W)~2.44°(T) / H : 56.5°(W)~2.12°(T) / V : 33.63°(W)~1.19°(T)
Zoom	Optical 36x & Digital 32x
Minimum Illumination	Color : 0.15 Lux / BW : 0.01lux / Color DSS(1/7.5s) : 0.0375lux / BW DSS(1/7.5s) : 0.002lux
Day & Night	Auto / Day / Night
White Balance	Auto / One Push / Manual / Indoor / Outdoor
Backlight Compensation (WDR)	Real-Time True WDR, Off / WDR / BLC / HLC
Function	Digital Image Stabilizer / Defog Function
DNR	Auto / Off / Low / Middle / High
Digital Slow Shutter	Off / 2x / 4x
Video Quality Adjustment	H.264 / H.265 / MJPEG
Streaming Capability	Primary : H.264 Secondary x3 : H.264 / MJPEG
Ethernet	Ethernet 10/100/1000base-T(RJ-45)
IP	IPv4 / IPv6
Protocol	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2/v3(MIB-2), ARP, DNS, DDNS
ONVIF	Yes

## MECHANICAL PART

Ex Certificate	IECEX, ATEX, KCs
Grade of Certification	Ex tb IIIC T85°C Db, Zone 21 & 22
Material	High Quality Aluminum Die-Casting Body / Power Coating for Vessel
Window	Tempered Glass
IP Rate	IP66
IR	High Performance Hybrid IR LED (Max.100M)
Operating Temperature	-25°C ~ +55°C
Preset	255 Programmable Positions
Communication Contorl	TCP/IP, RS-485
Voltage	DC12V / PoE (Option)
Power Consumption	50W
Wiper	Built-in
Cable Entry	3/4" NPT & 1/2" NPT
Size	125W) x 186.5(H) x 253(L) mm
Weight	Approx. 4 kg

## DIMENSION(mm)

