



- Up to **96 MP @ 10 fps (12MP x 8 sensors)** video resolution.
- Transmit Ethernet/PoE+(50W)
- H.264 compression saves bandwidth and storage size.
- Onvif compliant and CGI, RTSP protocol support.
- WDR Enhancement for Unparalleled Visibility in Extremely Bright and Dark Environments.
- Removable IR-cut filter for Day & Night function.
- H.264 /MJPEG multiple simultaneous streams.
- On-camera motion detection and privacy mask.
- Vandal-proof IK10 and IP66 proof rated Housing.
- Always record everything – even what you don't see.

- Pixel Counter and FPS display on the video for image clarity measurement to get the optimum video quality and file size.
- **360° Panoramic View** for capturing wide area video surveillance in best resolution and quality.
- Virtual ePTZ for efficiency surveillance.
- ROI (Region of Interest) encoding is used to enhance the quality of images which are specified in advance.
- Wide operation temperature (-40°C ~ 60°C) range.
- Support Web and Client dewarping by software
- API/SDK for CMS integration





Technical Specifications

Camera Index	
DSP	High Performance DSP
Sensor Type	8x 1/1.7" 12.0 MP Pixel progressive scan CMOS
Number of Sensor	8
Electronic Shutter	Manual/Auto;1/5s to 1/50,000s
Min Illumination	Color: 0.01Lux @ F1.2 AGC On B/W: 0.001Lux@ F1.2 AGC On;
Lens	5.5mm fixed-focus
Viewing angle(H)	360°
D/N	Day / Night Mode
Noise Reduction Mode	2D / 3D
Encoding Standard	
Video Compression	H.264
Coding standard	H.264 Baseline/MainProfile/HighProfile Optional
Video compression rate	800kbps~48Mbps
Image Index	
Max Image Size	96.0MP / 8x 4000x3000 (4K)
ePTZ	Electronic Pan / Tilt / Zoom
Frame Rate	8 x 4000x3000@ 10fps
SN	≥50dB
Image Setup	Auto white balance, Auto Gain, Auto Shutter
Network Function	
Intelligent Alarm	Motion detection, tampering alarm, network disconnect, storage exception
Protocol	IPv4/IPv6、RTSP/RTP/RTCP、TCP/UDP、HTTP、DHCP、DNS、FTP、DDNS、PPPoE、SMTP、Bonjour
Interface Protocol	Onvif V2.4.2 / CGI / SDK
General Function	One-key recovery
Function Interface	
Network Port	1 * RJ45 10M/100M/1000M Self-adaption Ethernet port
Serial interface	RS485
Alarm interface	1 * input/output
General Specification	
Operating Conditions	-40℃ ~ 60℃, humidity less than 95% (No condensation)
Power Supply	DC12V±10%, 3A
Power Consumption	16W
Water-proof Level	IP66
Impact-resistant Level	IK10
Dimensions(mm)	Φ228 x 330mm
Weight (kg)	5 KG (net weight)