



180°/360° Stitching Panoramic IP Dome Camera

- Seamless stitching technology of camera to achieve a wide range of region
- Large field of view, 180° or 360° panoramic views to eliminate dead angle
- Optimized images from each sensor
- Blending at the boundaries to present high resolution and continuous panoramic images
- No machine part, Little distortion, Uniform image and High resolution

Multiple cameras cross shot the monitoring area, but the thing is it is hard to view the whole pictures. Less camera usage brings lots of benefits: wiring difficultly and budget reduce, power consumption and management costs decrease. To achieve monitoring the whole area without dead angle and blind area, the ePTZ function can replace the mechanical structure of the speed dome.



180° Stitching Panoramic

4 Sensors x3.0MP 180° Stitching Panoramic IP Dome Camera

- 180°panoramic view based on 4-sensor connection
- High-efficient economic installation, industrial high quality optical lens
- ePTZ support to look multiple regions
- 4x3.0MP@30fps or 12.0MP@30fps
- Use H.265/H.264 High Profile with high compression ratio
- Auto ICR lens, True day/night
- Software dewarping support on the Web and Client



Stitch 4 Sensor Images to make 180° Panoramic View



360° Stitching Panoramic

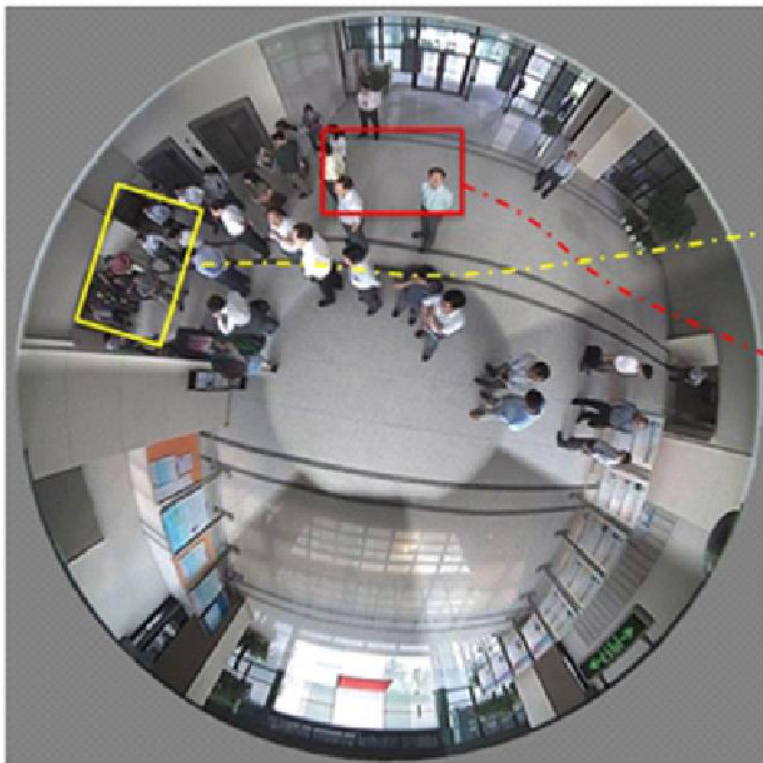
5 Sensors x3.0MP 360° Stitching Panoramic IP Dome

- 360°panoramic view based on 5-sensor connection
- High-efficient economic installation, industrial high quality optical lens
- ePTZ support to look multiple regions
- 5x3.0MP@30fps or 15.0MP@30fps
- Use H.265/H.264 High Profile with high compression ratio
- Auto ICR lens, True day/night
- Software dewarping support on the Web and Client



360° Stitching Panoramic

5 Sensors x3.0MP 360° Stitching Panoramic IP Dome



10m



5m

No Dead Angle
Monitoring

360° Stitching Panoramic

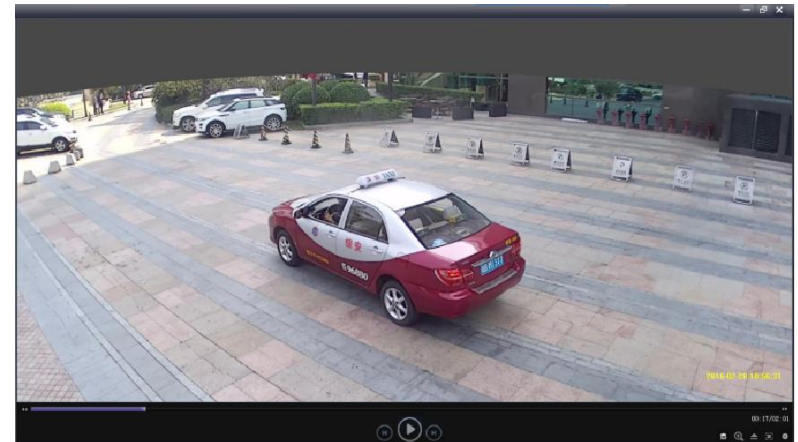
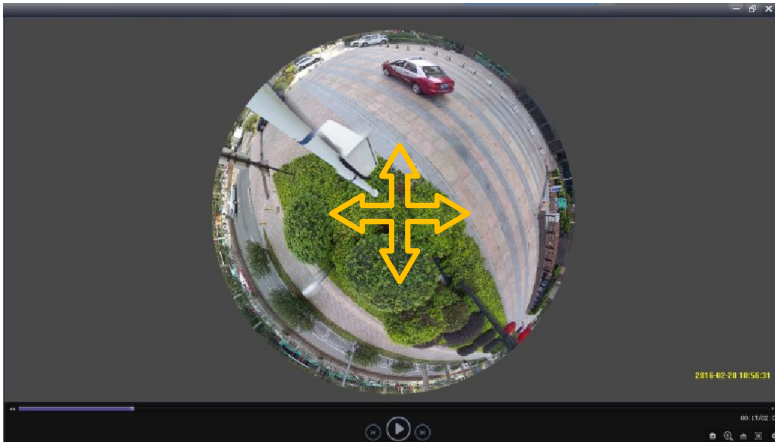
5 Sensors x3.0MP 360° Stitching Panoramic IP Dome



High Resolution and
Minuteness Distortion

360° Stitching Panoramic

5 Sensors x3.0MP 360° Stitching Panoramic IP Dome



Multiple immersive ePTZ views on player

Specification

4 Sensors x3.0MP 180° Stitching Panoramic IP Dome Camera

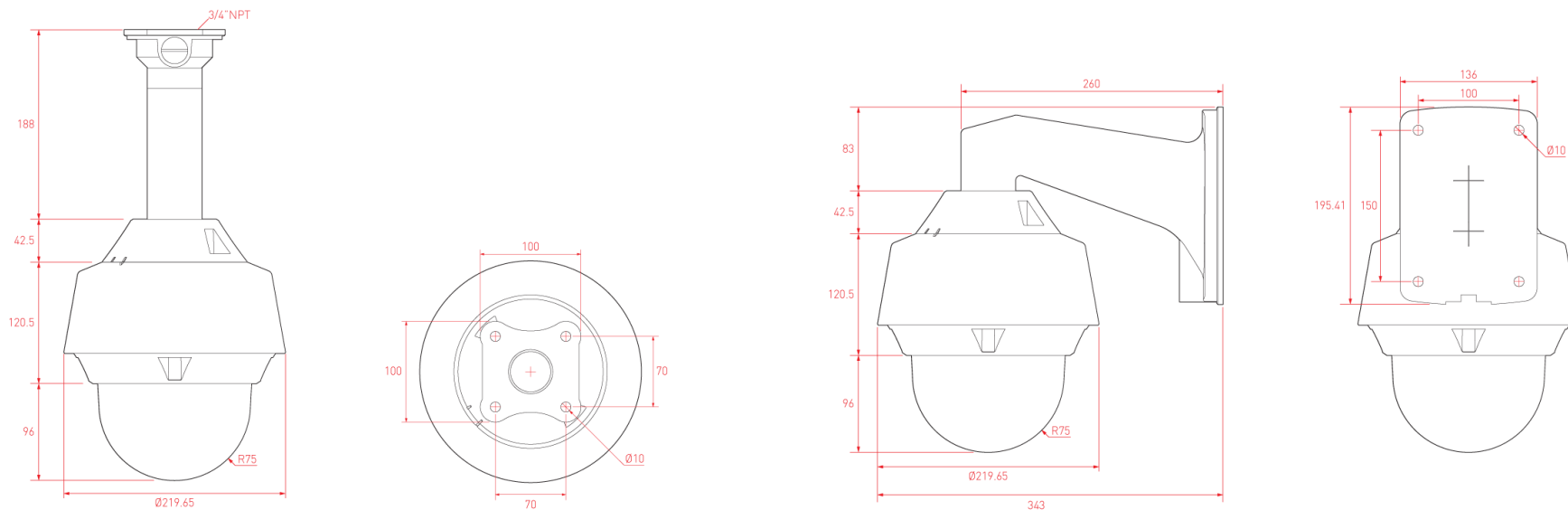
Camera	XV-PR8013-I	XV-PR12013-I	XV-PR20013-I
Image Sensor	4*1/1.9*2.0 MP Pixel progressive scan CMOS	4*1/2.8*3.0 MP Pixel progressive scan CMOS	4*1/1.8*5.0 MP Pixel progressive scan CMOS
Max Image Size	8.0MP / 4 x 1920x1080 (HDTV)	12.0MP / 4 x 2048x1536 (HDTV)	20.0MP / 4 x 2592x1944 (HDTV)
Frame Rate	4 x 1920x1080 @ 30fps	4 x 2048 x 1536 @ 30fps	4 x 2592 x 1944 @ 30fps
MIN. Illumination	Color: 0.1Lux @ F1.2 B/W: 0.001Lux@ F1.2	Color: 0.3Lux @ F1.2 B/W: 0.002Lux@ F1.2	Color: 0.2Lux @ F1.2 B/W: 0.003Lux@ F1.2
DSP	Hisilicon Series High Performance DSP		
Electronic Shutter	1/5s to 1/50,000s		
Lens	6mm fixed-focus		
Viewing angle(H)	180°		
D/N	IR cut filter with auto switch		
Video Compression	H.265 / H.264 / MJPEG Optional		
Coding standard	H.265, H.264 Baseline / Main Profile / High Profile Optional		
Audio Compression	G.711a / G.711u / RAW_PCM Optional		
ePTZ	Electronic Pan / Tilt / Zoom		
Image Setup	Brightness / Contrast / Saturability / Acutance (Adjustable)		
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, Onvif V2.4		
General Function	One-key recovery / Flicker Filter / Dual Stream / Heartbeat / Password protection		
Network Port	RJ45 10M/100M Self-adaption Ethernet port		
SD Card	Max128G Micro SD/SDHC, SDXC Card Local-storage		
Audio I/O	1-Channel 3.5 mm Audio Input (Mic input / Line input) / Output Port		
Alarm I/O	1-Channel I/O		
Operating Conditions	-30℃ ~ 60℃, humidity less than 95% (No condensation),heater		
Power Supply	DC12V±10% , 3A		
Power Consumption	36W		
Water-proof Level	IP66		
Impact-resistant Level	IK10		
Dimensions(mm)	281.8 x 228mm		
Weight (kg)	5.9		

Specification

5 Sensor x3.0MP 360° Stitching Panoramic IP Dome Camera

Camera	XV-PR15013-I	XV-PR25013-I
Image Sensor •	5*1/2.8"3.0 MP Pixel progressive scan CMOS	5*1/1.8"5.0 MP Pixel progressive scan CMOS
Max Image Size •	15.0MP / 5 x 2048x1536 (HDTV)	25.0MP / 5 x 2592x1944 (HDTV)
Frame Rate •	5 x 2048x1536 @ 30fps	5 x 2592x1944 @ 30fps
MIN. Illumination •	Color: 0.3Lux @ F1.2 B/W: 0.002Lux@ F1.2	Color: 0.2Lux @ F1.2 B/W: 0.003Lux@ F1.2
DSP	Hisilicon Series High Performance DSP	
Electronic Shutter	1/5s to 1/50,000s	
Lens	2.8mm fixed-focus	
Viewing angle(H)	360°	
D/N	IR cut filter with auto switch	
Video Compression	H.265 / H.264 / MJPEG Optional	
Coding standard	H.265, H.264 Baseline / Main Profile / High Profile Optional	
Audio Compression	G.711a / G.711u / RAW_PCM Optional	
ePTZ	Electronic Pan / Tilt / Zoom	
Image Setup	Brightness / Contrast / Saturability / Acutance (Adjustable)	
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, Onvif V2.4	
General Function	One-key recovery / Flicker Filter / Dual Stream / Heartbeat / Password protection	
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SD Card	Max128G Micro SD/SDHC, SDXC Card Local-storage	
Audio I/O	1-Channel 3.5 mm Audio Input (Mic input / Line input) / Output Port	
Alarm I/O	1-Channel I/O	
Operating Conditions	-30℃ ~ 60℃, humidity less than 95% (No condensation),heater	
Power Supply	DC12V±10% , 3A	
Power Consumption	46W	
Water-proof Level	IP66	
Impact-resistant Level	IK10	
Dimensions(mm)	281.8 x 228mm	
Weight (kg)	7.9	

Dimension



XeronVision is a vision system specialized group that provides industrial/security image related products, systems, and infra services. We are building diverse products, ideas, sharing market information and amassing knowledge of high value added services and technologies based on the close networking with various developers and manufacturers from all over the world.

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