



4K 360° Panoramic Camera

Saturn PX360

- 20fps @ 12MP
- 4K Ultra HD (4000 x 3000)
- 360° / 180° Panoramic Views
- Edge De-warping
- IK10
- Digital PTZ, Quad View
- Microphone and Speaker
- Built-in IR LED illumination
- OnVif
- 4 year Warranty

4K Ultra High Definition Sensor

The Saturn PX 360 is a 12 megapixel panoramic IP camera offers Multiple Streams in 4K (four times higher than HDTV 1080p) and features 180° panoramic view for wall mounting or 360° panoramic view for mounting to a ceiling offering unparalleled quality without blind spots. The Saturn PX360 camera supports 4K resolution streaming at 20fps (PAL) & 30 fps in 1080p which allows the video to be viewed smoothly.

De-Warping

The edge De-Warping function of the camera can de-warp the fisheye source images. With this feature, the de-warped images in panoramic view or other different viewing modes can be recorded.

360° Panoramic Views

Enhancing the features further we have developed embedded technology to allow 180° wall and 360° ceiling mounting selections plus multiple display modes to allow the Saturn PX360 IP camera to provide highly flexible viewing options for many different types of the CCTV market including the transportation sector, shopping malls, warehouse facilities, retail stores, hotels, schools and offices with tight budgets for video surveillance.

IR-LED

The Saturn PX360 also benefits from an IR LED module and noise reduction technique allowing the camera to deliver clear images in low light conditions. Built-in microphone and speaker also enable users to fulfil two-way communication

360° 4K Panoramic Camera

Panoramic 360° Lens

The Panoramic lens in the Saturn PX360 gives you wide coverage without blind spots in any given area. With our Edge Dewarping software we can turn this image into flat 2D images via the camera rather than the back end system.



Quad View with Easy PTZ

Using Edge Dewarping the Saturn PX360 camera can give you the benefits of having 4 cameras in one area. These images can also be used as 4 different Easy PTZ cameras with pan tilt and zoom functions.



6MP



8MP



12MP

Ultra High Definition 360° IP Camera

Giving you a maximum resolution of 12 Megapixel which equates to a massive (4000 x 3000) or 4K (3840 x 2160)



Saturn PX 360

The new and improved Saturn PX360 can deliver a maximum of 12MP which equates to a massive (4000x3000) @20fps. At 4K (3840x2160) the frame rate can increase to 30fps. The maximum frame rate you can achieve is 60fps at 1080 resolution. 4K allows you to capture 4 times larger the amount of viewable image.

Having 4K combined with the PX360 gives you an unprecedented quality in the camera thus giving you superior appearance when viewing in ePTZ mode.

With 4 streams at your disposal and only 117mm in diameter, this PX360 camera punches well above its weight for its size.

4K ULTRA HD



We reserve the right to introduce product modifications without notice

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Technical Specification – Saturn PX 360

Camera		Network	
Camera type	4K 360° panoramic day / night camera (ICR Type)	Network Interface	Ethernet (RJ45) 1Gbps Ethernet
Effective Pixels	4000 (H) x 3000 (V) – 12MP	Supported protocol	IPv4/v6, TCP/IP, UDP, RTP, STPS, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, Upnp, IGMP, SNMP, QoS
Image Sensor	1/1.7" Sony Progressive CMOS	Internet Browser	Internet Explorer (6.0+), Chrome, Firefox, Safari
Electronic Shutter Speed	1~1/10.000 sec.	Password Levels	User / Administrator
Min. Illumination	Day: 0.04 Lux (colour). Night: 0.002 Lux (mono). 50 IRE, F2.8, 1/30s shutter	User Account	20
Day/night switching /IRC	Auto / LED On / LED Off / Smart IR / Light Sensor	Event Notification	HTTP, FTP, SMTP
Video		Lens	
Video Compression	MJPEG / H.264 (MPEG-4 Part 10/AVC) Baseline / Main Profile / High Profile / SVC	Lens type	1/2" Fisheye Lens
Video Streaming	Single streaming Dual streaming Quad streaming	Focal Length	1.55mm
Frame Rate	Up to 20 fps @ 12MP 60 fps @ 1080P	Iris Range	F2.0
Video Resolution SW Dewarping	H.264 - 12M (4000x3000) / H264 - 4K (3840 x 2160) / Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF / QVGA MJPEG - Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF / QVGA	Iris	N/A
Video Resolution Edge Dewarping	H.264 - 2048x2048 / 2688x1520 / 2048x1536 / 1920x1080 / 1600x1200 / 1408x1408 / 960x960 / 960x720 / 960x554 MJPEG - 1920x1080 / 1600x1200 / 1408x1408 / 960x960 / 960x720 / 960x554	FOV	180° @ Full Resolution
Video Windows under ePTZ	4	General	
Video Dewrap Engine	Edge Embedded (Camera Side)	Onvif	Yes, Onvif profile S2.5
Video Analytic Engine	Edge Embedded (Camera Side)	Built-in IR illuminator	Up to 5 meters 4 x 850nm LEDs
Operation		SD Card Slot	Optional SD card slot Micro SDXC 64GB supported (card is not included)
Backlight	On / Off	Audio	Built-in Speaker (Max. 2W Mono) & Microphone or Two-way Audio (Line in / Line out) Two-way /G.711 /G.726
White Balance	Manual / AWB / ATW / One Push	Digital In/out	1/1
3D Noise Reduction	On / Off (w/ Motion Compensation)	Power Voltage	12VDC / POE (IEEE802.af)
Wide Dynamic Range	On / Off up to 70dB	Power Consumption	PoE – 9W / DC12V – 10W
Privacy Mask	On / Off	Power Connector	3 pins terminal block / RJ45
Brightness	Manual	Environmental Casing	Weatherproof IP66 , IK10
Exposure	Auto / Manual	Languages	DE, ES, FR, IT, PT, RU, UK
Sharpness	Manual	Operating Temperature/Humidity	-10°C ~ +50°C 10% ~ 90% RH
Contrast	Manual	Dimensions	Ø117.08 x 42.7mm
Saturation	Manual	Weight (Net)	Approx. 330g
Hue	Manual	Warranty	4 years
Digital Zoom	Support	Included accessories	Installation and Management software DVD, IP66 RG45 connector
Motion Detection	By Schedule / On / Off	Part number Outdoor	0070-07960