

# SABER

## 4K+

4K60 PTZ Camera



### All the Controls

Find your solution. The Saber 4K+ offers a wide range of flexible control options, from the included remote control, to our custom NECC (Near End Camera Control) App, VISCA and PELCO protocols, as well as IP controls. RS-232, USB-C & LAN ports provide options for physical connections. PoE+ allows for control, video, and power over one cable.



### Ultra HD 4K Optics

Equipped with an advanced Image Signal Processor, Sony 1/2.8" CMOS Image Sensor, and a professional quality lens, the Saber 4K+ produces crystal clear images in ultra-high definition. Enjoy frame rates up to 60fps in True 4K (4Kp60).



### Plug n Play

Connect to your favourite video conference app or cloud service via USB. Simply plug the camera into your laptop, PC or Mac. No additional drivers needed.



### Simultaneous Outputs

Take advantage of all your ports. IP and HDMI2.0 can output max up to 4Kp60 resolution simultaneously, while 3G-SDI (both level A and level B) and USB-C can output up to 1080p60 at the same time.



### 12x Optical Zoom + 4x Digital Zoom

Up close and personal. With 12x Optical Zoom and 4x Digital Zoom, the Saber 4K+ can reliably film people at a distance of up to 15 meters, allowing you to take full advantage of your space. The camera uses a lens with an 80.5° field of vision, allowing you to zoom out to capture everyone, and zoom in for the details.

### 10 Presets and more

Set up a smooth conference by creating up to 10 presets on the included remote control. Or take your production up to the next level with up to 128 presets over RS-232/VISCA.



### Multi-Camera Control

Advanced integration capabilities are built into the Saber 4K+, including RS-232 ports in and out, allowing you to control up to 7 cameras simultaneously via Daisy Chain.



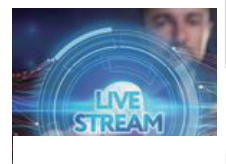
### SRT Supported

SRT enables the delivery of high-quality and secure, low-latency video across the public Internet. SRT optimizes streaming performance across unpredictable networks with secure streams and easy firewall traversal, bringing the best quality live video over the worst networks.



### IP Live Streaming

Show the world! Designed specifically for IP livestreaming and internet connectivity, the Saber 4K+ is the ultimate machine for broadcasting over YouTube, Facebook Live, Twitch, or anywhere else your audience may be.



### 3 Year Warranty

Feel secure knowing your investment is covered well and truly beyond the industry standard. That's how confident we are that you will love our products and that they will last!



## Saber 4K+ (ANG2-12UHD-01)

- Zoom: 12x Optical Zoom & 4x Digital Zoom
- 80.5 degree field of view
- RJ45, HDMI2.0, 3G-SDI and USB-C Video Interfaces
- IP and HDMI2.0 output max up to 4Kp60/59.94 fps resolution
- SRT supported
- RTMP supported
- Intuitive WebUI for Preview and Control
- Up to 128 presets
- Supports RS232, RS485 serial control
- Standard Sony VISCA and Pelco P/D protocol
- Supports WDR, 3D-Noise Reduction functions
- Supports Daisy Chain Feature
- Day/night switch for surveillance market
- 1/2.8inch high quality, 8.42 MP CMOS Sensor
- Support POE+: one single ethernet cable to get video, control, and power supply.

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### Motorized Pan and Tilt

- Pan:  $\pm 170^\circ$
- Tilt:  $90^\circ$  (up)  $-30^\circ$  (down)
- Rotation speed: Pan -  $0-120^\circ$  /s, Tilt-  $0-80^\circ$  /s
- 10 camera presets via IR Remote Control

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### Video Format

- **HDMI:**  
3840\*2160P60/59.94/50/30/29.97/25;  
1920\*1080P60/59.94/50/30/29.97/25/24/23.98;  
1920\*1080i60/59.94/50;  
1280\*720P60/59.94/50/30/29.97/25
- **IP:**  
Main stream: 3840\*2160P15~60; 1920\*1080P15~60;  
1280\*720P15~60; 1024\*576P15~60  
Sub stream: 720\*480P15~60; 640\*480P15~60;  
640\*360P15~60
- **3G-SDI:**  
1920\*1080P60/59.94/50/30/29.97/25/24/23.98;  
1920\*1080i60/59.94/50;  
1280\*720P60/59.94/50/30/29.97/25
- **USB Type-C:**  
NV12: 1920\*1080P5; 1280\*720P15; 1024\*576P25;  
800\*448P30  
YUYV: 1920\*1080P5; 1280\*720P15; 1024\*576P25;  
800\*448P30  
MJPG: 3840\*2160P30; 1920\*1080P60; 1280\*720P60;  
1024\*576P60; 800\*448P60  
H264/H265: 3840\*2160P30; 1920\*1080P60;  
1280\*720P60; 1024\*576P60; 800\*448P60

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### Connectivity

- LAN , HDMI, 3G-SDI, USB Type-C, 3.5mm Line in Audio, RS232 In & Out

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### Control

- Visca over IP, UVC over USB, Visca over RS232
- Angekis NECC onscreen app control

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### Lens

- Focal Length: 3.4mm-40.3mm
- Iris: F1.8-3.6
- Field of View:  $80.5^\circ$  (wide)  $-7.6^\circ$  (tele)

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### Mount

- Camera mount included for wall
- Reverse mountable, standard tripod screw on bottom of unit

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### Power Supply

- POE+ (IEEE802.3at)
- DC12V 2A ( via Power Adapter )

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### Enviromental Data

- Working temperature:  $-10^\circ\text{C}-50^\circ\text{C}$
- Working Humidity:  $\leq 80\%$

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### Dimensions

- Camera: 220mm\*190mm\*173mm
- Package: 295mm\*270mm\*260mm
- Net Weight: 1.47KG

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### Package Contents

- 1x Camera
- 1x Power Adapter
- 1x Power Cable
- 1x USB Type-C cable
- 1x IR Remote Control
- 1x User Manual
- 1x Wall Mount

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### Warranty

- Camera: 3 Years

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### Compatible Applications

ZOOM, Adobe Connect, BlueJeans, CyberLink U Meeting®, Cisco WebEx®, Google Hangout, GoToMeeting, Intel® Unite™, Microsoft® Lync™, Skype™, Skype for Business, V-Cube