

# 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.



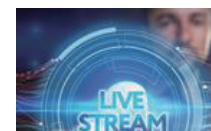
### SRT Supported

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.



## 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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### Compatible Applications

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