

SABER

4K+ NDI|HX

4K60 PTZ Camera



All the Controls

Find your solution. The Saber 4K+ NDI|HX 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 NDI and other 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+ NDI|HX produces crystal clear images in ultra-high definition. Enjoy frame rates up to 60fps in True 4K (4Kp60).



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.



Simultaneous Outputs

Take advantage of all your ports. NDI|HX 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+ NDI|HX 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+ NDI|HX, including RS-232 ports in and out, allowing you to control up to 7 cameras simultaneously via Daisy Chain.



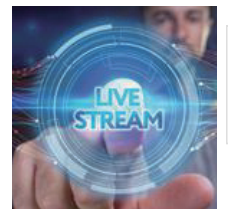
Plug n Play

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.



IP Live Streaming & NDI|HX

Show the world! Designed specifically for IP livestreaming and internet connectivity, the Saber 4K+ NDI|HX is the ultimate machine for broadcasting over YouTube, Facebook Live, Twitch, or anywhere else your audience may be. The on-board NDI|HX high efficiency streaming protocol gives you the tools you need to take your production to the next level. The camera comes with native NDI|HX with no additional licensing necessary. (Note: NDI is a registered trademark of Vizrt Group.)



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+ NDI|HX (ANG2-12UHD-01N)

- Zoom: 12x Optical Zoom & 4x Digital Zoom
- 80.5 degree field of view
- NDI|HX , HDMI2.0, 3G-SDI and USB-C Video Interfaces
- 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 protocols
- Supports WDR, 3D-Noise Reduction functions
- Supports Daisy Chain Feature
- Day/night switch for surveillance market
- Supports NDI|HX Livestreaming Protocol
- 1/2.8inch high quality, 8.42 MP CMOS Sensor
- Support POE+: one single ethernet cable to get video, control, and power supply.
- NDI|HX and HDMI2.0 output max up to 4Kp60/59.94 fps resolution

Motorized Pan and Tilt

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

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
- **NDI|HX:**
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

Control

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

Lens

- Focal Length: 3.4mm-40.3mm
- Iris: F1.8-3.6
- Field of Viewing: 80.5° (wide) -7.6° (tele)

Mount

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

Connectivity

- LAN (NDI|HX), HDMI, 3G-SDI, USB Type-C, Line in, RS232 in & out

Power Supply

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

Environmental Data

- Working temperature: -10°C – 50°C
- Working Humidity: $\leq 80\%$

Dimensions

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

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

Warranty

- Camera: 3 Years

Compatible Applications

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