Saber X

30x Optical Zoom / 4K@60fps UHD PTZ Camera

Delivering High-End Features for Live Broadcasting

The Saber X delivers ultra high end performance and features for your most demanding productions. With True 4K video running at up to 60 frames per second, a 30X zoom factor, and a full range of connectivity options, enjoy ultimate performance from Angekis. The 12MP SONY Image Sensor and 30X zoom lens lets you capture every detail with incredible quality, even at extreme distances. The PTZ movement itself is smooth and quiet, while special focusing algorithms ensure accuracy and consistency - even while moving and zooming. With IP, HDMI 2.0, 3G-SDI, and USB 2.0 ports capable of running simultaneous video out, this is the ultimate camera for professional livestreaming and recording.

Features & Benefits

1

True 4K Video

The Saber X offers 4K Ultra High Definition video, running at framerates up to 60fps. Its 12MP SONY CMOS Image Sensor is state of the art, and ensures high resolution, excellent color, and smooth video in all kinds of situations.

2

30X Optical Zoom

Enjoy crystal clear video at extreme ranges. Perfect for the largest and most demanding recording environments, 30X Optical Zoom gets you up close and personal while maintaining lossless image quality.

3

LAN / 3G-SDI / HDMI 2.0 / USB 2.0

A full range of connectivity options gives you the versatility you need, in both production and installation. Add in simultaneous output capabilities for the ultimate livestreaming experience.

4

Smooth and Silent PTZ Movement

Pan, Tilt, and Zoom you can rely on. Angekis' precision engineering and smart mechanical design results in a smooth, silent, and reliable PTZ hardware.

5

Line In Audio

A 3.5mm Line In Audio input and support for HDMI, SDI, and IP Audio Out gives you the versatility you need in your AV integrations.

6

128 Presets with Programmable Settings

Enjoy up to 128 programmable presets using almost any RS-232 or VISCA compatible controller. Additionally, the included remote control allows for up to 10 quick-access presets.

7

Support PoE+

The Saber X comes with PoE+, allowing you to run power, video, and control simultaneously through the Ethernet (LAN) port. One cable does it all.

8

Support RTMP

RTMP stands for Real Time Messaging Protocol. This is the most widely-used live streaming protocol on the internet, and allows users to send data, video, and audio over the internet in real time, with minimal latency . The Saber X comes with RTMP/RTMPS support onboard, allowing you to livestream directly to YouTube Live, Facebook Live, and many other platforms.

9

Support SRT

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.

10

Smart Web UI

The built-in WebUI allows you to preview and control the camera's operations without any additional software. You can use the simple and intuitive control system to connect to streaming services and access other tools using any major browser - no software, plugins, or downloads required.

11

Field Upgradeable Firmware

The camera's firmware can be upgraded with one click through the WebUI.

Angekis

12

NDI®|HX Available

The Saber X is available in an optional NDI®|HX version. Enjoy high efficiency, low-latency streaming with this advanced IP streaming protocol, as well as other benefits like simple integration and access to the full NDI Toolkit. (Note: NDI® is a registered trademark of Vizrt Group)

Saber X (ANG2-31UHD-01)

- Zoom: 30x Optical Zoom.

- 60˚ degree field of view.

- RJ45, HDMI, 3G-SDI, USB and Type-C outputs.

- IP and HDMI output max up to 4Kp60/59.94 fps resolution, 3G-SDI and Type-C up to 1080p60/59.94 fps.

Features

- 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.

- 1/1.8inch high quality, 12 MP CMOS Sensor.

- Support POE+: one single Ethernet cable to get video, control, and power supply.

Motorized Pan and Tilt

- Pan：±170˚.

- Tilt: 90˚(up)~30˚(down).

- Rotation Speed: Pan-0~80˚/s,Tilt-0-60˚/s.

- 10 camera presets via IR Remote Control.

Environmental Data

- Working Temperature：-10˚C-50˚C.

- Working Humidity：≤80%.

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

- 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:
  MJPG, H.264: 3840*2160P30; 1920*1080P30; 1280*720P30;
  1024*576P30; 800*448P30
  NV12: 1920*1080P10; 1280*720P25; 1024*576P30; 800*448P30

- IP:
  3840*2160P15~60;1920*1080P15~60;
  1280*720P15~60; 1024*576P15~60;
  640*360P15~30

Motorized Pan and Tilt

- Pan：±170˚.

- Tilt: 90˚(up)~30˚(down).

- Rotation speed: Pan-0~80˚/s,Tilt-0~60˚/s.

- 10 camera presets via IR Remote Control.

Connectivity

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

Control

- VISCA over IP, UVC over USB, VISCA over RS232.

- Angekis NECC onscreen app control.

Lens

- Focal Length: 6.91mm~214.64mm.

- Iris: F1.35~4.6.

- Field of View: 60˚(Far)~2˚(Near).

Mount

- Camera mount included for wall.

- Reverse mountable, standard tripod screw on bottom of unit.

Power Supply

- POE+(IEEE802.3at).

- DC12V 2A (via Power Adapter).

Dimension

- 220mm×190mm×193.5mm.

- Net weight: 1.9 KG.

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® UniteTM, Microsoft® LyncTM, SkypeTM, Skype for Business, V-Cube

Product Pictures

front view

interface

side view

top view