

SABER LITE

4K@60FPS 20X Zoom Auto Tracking & Live Streaming
PTZ Camera



Premium Performance for Demanding Projects

The Saber Lite offers exceptional performance for those who require reliability and clarity in their productions. With stunning 4K video resolution at up to 60 frames per second, a 20X optical zoom, and a full suite of connectivity options, the Saber Lite is your ideal solution for professional video capture. Powered by a high-quality 9MP UHD CMOS sensor, it ensures crisp, detailed footage even from a distance. The smooth, quiet PTZ movements and precise focusing technology maintain accuracy throughout your production. With versatile ports including IP, HDMI, SDI and USB, the Saber Lite provides seamless integration with your workflow, making it perfect for live streaming, recording, and broadcast environments.

4K UHD Video Quality

The Saber Lite features state-of-the-art image processing technology that delivers crystal-clear 4K UHD video at 60fps, ensuring vibrant, lifelike visuals with exceptional detail, even in challenging low-light environments.

20X Optical Zoom

The Saber Lite features an advanced 4K optical zoom lens with 20x magnification and a 65.3° field of view. Thanks to its proprietary focusing technology, it delivers rapid and precise focus adjustments, ensuring sharp and detailed imagery, even when zooming or panning.

Integrated Auto-Tracking Technology

Equipped with advanced auto-tracking capabilities, the Saber Lite automatically follows the target with precision, providing seamless tracking with no external assistance. You can easily adjust the tracking area, or modify the size of the target—all through the intuitive web interface.

Comprehensive Video Outputs (NDI®|HX, 3G-SDI, HDMI 2.0, USB 2.0)

Equipped with a wide range of output options, the Saber Lite supports NDI®|HX (available with the NDI version), HDMI 2.0 capable of 4K at 60fps simultaneously, 3G-SDI and USB-C for 1080p at 60fps, offering unparalleled flexibility for live production and streaming.



SPECIFICATION

Saber Lite (ANG2-20UHD-01)

- Zoom: 20x optical zoom
- 65.3° degree field of view
- Lens: f = 6mm ~ 120mm, F1.61 ~ F4.13
- 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.
- S/N Ratio: ≥50dB.
- 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
- 1/1.8 inch high quality. 9 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.

Connectivity

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

IP Streaming

- Video Encoding: H.264/H.265
- Bitrate Control: Variable bitrate(VBR), Constant bitrate(CBR)
- Bitrate Range: 1024Kbps~122800Kbps
- Network Port Speed: 1000M
- Protocol: NDI@HX(Available with the NDI version), SRT, HTTP, HTTPS, RTSP, RTMP, RTMPS, ONVIF, VISCA over IP(TCP&UDP), VISCA, PELCO P/D, SSDP, NTP, RTP Multicast, WebRTC, MPEG-TS

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*1080P60/59.94/50
- 1280*720P60/59.94/50/30/29.97/25

3G-SDI:

- 1920*1080P60/59.94/50/30/29.97/25/24/23.98
- 1920*1080P60/59.94/50
- 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

Image

- Noise Reduction: 2D&3D
- Minimum lux: 0.5Lux (50 IRE Max AGC,1/30, F1.8)
- White Balance: Auto/Manual/Auto tracking/Push/Indoor/Outdoor/Color Temperature
- Exposure: Auto/Manual/Shutter Priority/Iris Priority/Brightness Priority
- Anti-Flicker: OFF,50Hz,60Hz
- Image Flip: Support
- Mirroring: Support
- Focus: Auto/Manual
- Iris: Auto/Manual
- Electronic-shutter: Auto/Manual
- Gamma: Support
- Backlight Compensation: Support



Power Supply

- POE+: (IEEE802.3at).
- DC: 12V2A (via Power Adapter).

Warranty

- Camera: 3 Years

Package Contents

- 1x Camera.
- 1x Power Adapter.
- 1x Power Cable.
- 1x USBType-C Cable.
- 1x IR Remote Control
- 1x User Manual.
- 1x Wall Mount.

Environmental Data

- Working Temperature: -10°C-50°C.
- Working Humidity: ≤80%.

Dimension

- 194mmx195mmx173mm.
- Net weight: 2.45 KG.