

Saber 20X NDI



NDI-20FHD60 PTZ Video Camera

VDO360 Saber 20X NDI is a professional full HD video camera, with IP, NDI|HX, 3G-SDI, HDMI and USB3.0 output interfaces, it has 20x optical zoom, and having NDI|HX makes live streaming simpler, easier and much more affordable. No mess installation for NDI, an Ethernet cable enables video, audio, control, tally, and power. Saber 20X NDI is a live streaming solution at a professional level in an affordable package, working with TriCaster, Wirecast, Vmix, OBS, Xsplit etc, for Government, Church, Corporate, Classroom, Studio, Gaming, and other Professional AV environments.

Features:

- Most advanced ISP, 1/2.8 inch 5MP sensor, providing users crystal clear video.
- 20x Optical Zoom, with 60.5 degree field of view, ideal for a large venue AV solution.
- IP Video Streaming, includes both H.264, H.265 video encoding
- 1080p 60 full HD video over NDI|HX, 3G-SDI, HDMI, USB output simultaneously.
- WDR, 3D Ambient Noise Reduction
- Power over Ethernet: one single CAT5/6 for video, control, tally, and power
- Live RTSP streaming, for direct YouTube Live and Facebook Live
- Unique Focusing Algorithm: fast and precise focusing performance when zooming or moving,
- Smooth PTZ mechanical design, accurate pan and tilt motor control
- Up to 128 presets
- Standard Sony VISCA, IP VISCA, PELCO-P, PELCO-D control protocol; IP VISCA over both TCP and UDP
- Daisy chain control supported
- Image flip for inverted (ceiling) installations
- Supplied with IR remote control, use to set IP address via OSD menu as well as full camera function control
- Supports multiple browsers to view video such as Edge, IE, Chrome, Firefox, and Safari in both Mac and Windows systems.
- Fully Perfect Track compatible- ideal AutoPilot System camera



Model Number	Saber20X NDI			
Sensor	1/2.8 inch, 5 megapixel high quality Sony CMOS sensor			
	HDMI	NDI HX	SDI	USB3.0
	1920*1080p60/50/30/25	Main stream	1920*1080p60/50/30/25	USB3.0:
	1280*720p60/50/30/25,	1920*1080p/60/50/30/25	1280*720p60/50/30/25	1920*1080p60/50/30/25
	1920*1080i60/50	1280*720p60/50/30/25	1920*1080i60/50	1280*720p60/50/30/25
Video Format		Sub stream:		1024*576p30
		1280*720p60/50/30/25		USB2.0:
		1024*576p60/50/30/25		1024*576p30
		640*360p60/50/30/25		960*540p30,640*360p30
				352*288p30
Zoom	20x optical zoom			
FOV	60.5°			
F.no.	Wide: F1.5(Wide)~3.0 (Tele)			
Focal Length	f=5.2(near)~98mm(far)			
Preset	10 via IR remote control; 128 via serial port; preset precision:0.1°			
Rotation Angle	Pan: -170° ~ +170°; Tilt: -30° ~ +90°			
Rotation Speed	Pan: 0°~120°/s ; Tilt: 0°~80°/s			
Control Port	NDI HX/ RS232 / RS485			
Video Port	NDI HX/3G-SDI/HDMI/USB3.0			
Network Speed	1000M			
Noise Reduction	2D&3D			
SNR	>50dB			
Minimum LUX	0.01 LUX			
White Balance	Auto/Manual/AWT/One Push/Indoor/Outdoor			
Anti Flicker	50Hz/60Hz/OFF			
D/N Mode	Supported			
Gamma	Supported			
Mirror Image	Supported			
Pan Tilt Flip	Supported			
Iris	Auto/Manual			
Electric Shutter	Auto/Manual			
BLC	Auto/Manual			
Focus	Auto/Manual			
Video Encoding	H.264/H.265			
Bit Rate Control	Variable Bit Rate, Constant Bit Rate			
Video Bit Rate	1024Kbps~10240Kbps			
Frames	50HZ:1fps~30fps 60HZ:1fps~30fps			
IP Protocol	TCP/IP, HTTP, RTSP, ONVIF, DHCP, VISCA over IP (TCP&UDP), HDMIL5			
POE	Supported			
Input Voltage	DC12V, 2A			
Dimension/Net Weight	220mm×173mm×190mm(8.7"×6.8"×7.5")/1.25KGS (2.8LBS)			