

PTZ Full HD Camera with SDI

ALF-20X-SDIC



DESCRIPTION

The Alfatron ALF-20X-SDIC is an HD PTZ camera equipped with 1080p with a 20x Zoom Lens. This PTZ camera is suitable for medium to large-sized meeting rooms, boardrooms, conference venues, and houses of worship. Alfatron ALF-20X-SDIC is compatible with video meeting software, such as Skype and Zoom. The Full HD 1080P camera is equipped for a high-quality video stream and high definition real-time synchronization.

FEATURES

- 1080P video with a Frame rate up to 60fps.
- 20x Zoom Lens which gives you clear and a fluent image.
- Leading Auto Focus Technology.
- Low Noise and High SNR.
- Quiet PTZ.
- 255 Presets.
- Multiple Network Protocol – Supports ONVIF, RTSP & RTMP.
- Wide Application – Tele Education, Lecture Capture, Webcasting, Video Conferencing, Tele Training, Tele Medicine, Interrogation, and Emergency command systems.
- SDI, HDMI, USB3, RS232, RS422, RS485, Network, with audio input.
- PC control using Sony Visca, Pelco D/P commands.
- Powered by 12V DC or POE

TECHNICAL SPECIFICATIONS

Model	ALF-20X-SDIC
Camera Parameter	
Optical Zoom	20X f=5.5~110mm
Sensor	1/2.8-inch-high quality HD CMOS sensor
Effective Pixels	16: 9, 2.07 megapixel
Video Format	HDMI/SDI video format 1080P60/50/30/25/59.94/29.97, 1080I60/50/59.94, 720P60/50/30/25/59.94/29.97 CVBS output: 570i 480i USB3.0 interface video format: 1920X1080@60fps Max USB2.0 interface video format: 1080P@30fps Max
View Angle	3.3° (tele) 54.7° (wide)
AV	F1.6 – F3.5
Digital Zoom	10X
Minimum Illumination	0.5Lux (F1.8, AGC ON)
DNR	2D & 3D DNR
White Balance	Auto / Manual/ One Push/ 3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K
Focus/Aperture/ Electronic Shutter	Auto/Manual/One Push Focus
Iris	Auto/Manual
Shutter	Auto/Manual
BLC	ON/OFF
WDR	OFF/ Dynamic level adjustment
Video Adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve
SNR	>55dB
Input/output Interface	
Video Interfaces	ALF-20X-SDIC Interfaces: USB3.0 (compatible with USB2.0), HDMI, SDI, LAN (POE), RS232-IN/OUT, RS422(compatible with RS485), A-IN, Rotary dial code, on-off switch
Video Output	HDMI, SDI, LAN, USB3.0,
Video Stream	Dual stream output
Video Compression Format	LAN Interface: H.265, H.264, Dual stream output USB2.0 Interface: H.265, H.264, MJPEG USB3.0 Interface: YUV
Audio Input Interface	Double track 3.5mm linear input
Audio Output Interface	HDMI, SDI, LAN
Audio Compression Format	AAC/MP3/G.711A
Network Protocol	RTSP, RTMP, ONVIF, GB/T28181, Support network VISCA control protocol

	Support remote upgrade, remote restart, remote reset
Control Interface	RS232, RS485
Control Protocol	VISCA/Pelco-D/Pelco-P, Baud Rate: 115200/9600/4800/2400bps
Power Interface	HEC3800 outlet (DC12V)
Input Voltage	DC12V±10%
Input Electric Current	Maximum: 1A
Power Consumption	Maximum: 12W
PTZ Parameter	
Pan/Tilt Rotation	±170°, -30°~+90°
Pan Control Speed	0.1 -60°/sec
Tilt Control Speed	0.1-30°/sec
Preset Speed	Pan: 60°/sec, Tilt: 30°/sec
Preset Number	255 presets (10 presets by remote controller)
Other Parameter	
Stored Temperature	-10°C~+60°C
Storage Humidity	20%~95%
Working Temperature	-10°C~+50°C
Working Humidity	20%~80%
Dimension	178mmX115.5mmX150.9mm
Weight	1.38KG
Attachment	
Package	12V/1.5A Power supply, RS232 control cable, USB3.0 connection cable, USB2.0 connection cable, Remote Controller, Manual, Warranty Card