

# Alfatron Full HD USB2.0 PTZ Camera

## ALF-3XUSB2C



### DESCRIPTION

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The Alfatron ALF 3XUSB2C is a Full HD PTZ camera with a 3x Optical Zoom Lens. This PTZ camera is suitable for small to medium-size meeting rooms, boardrooms, and conference venues.

The ALF 3XUSB2C is compatible with video meeting software, such as Skype and Zoom.

### FEATURES

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- Full HD Resolution: 1/2.9-inch-high quality CMOS sensor. Resolution is up to 1920×1080 with a frame rate of up to 30 fps.
- Optical Zoom Lens: 3X Optical Zoom lens. Field of view 85°(Wide) 34.1°(Tele).
- Leading Auto Focus Technology: Fast, accurate, and stable autofocus technology.
- Low Noise and High SNR: Super high SNR image is achieved with low noise CMOS. Advanced 2D/3D noise reduction technology further reduces the noise while ensuring high image clarity.
- Control Interface: RS485, RS232 (cascade connection).
- Multiple Control Protocol: Support VISCA, PELCO-D, PELCO-P protocols; Support automatic identification protocols.
- Quiet Pan / Tilt Movement: With high accuracy step driving motor, the camera can pan/tilt extremely quiet and smooth.
- Multiple presets: Up to 255 presets (10) presets via remote control).
- USB or 12V DC Powered.

## TECHNICAL SPECIFICATIONS

Model	3X
<b>Camera Parameter</b>	
Sensor	1/2.9-inch-high quality CMOS sensor
Effective Pixels	2.07 megapixel, 16 : 9
Video Format	<b>H264/H265/MJPG:</b> 1920×1080P@30/25/20/15/10/5fps ; 1280*720P@30/25/20/15/10/5fps ; 960*540@30/25/20/15/10/5fps ; 800*600@30/25/20/15/10/5fps ; 720*576@30/25/20/15/10/5fps ; 720*480@30/25/20/15/10/5fps ; 640*480@30/25/20/15/10/5fps ; 640*360@30/25/20/15/10/5fps ; 352*288@30/25/20/15/10/5fps ; 320*240@30/25/20/15/10/5fps ; <b>YUY2:</b> 1280*720@10/5fps ; 800*600@10/5fps ; 640*480@30/25/20/15/10/5fps ; 640*360@30/25/20/15/10/5fps ; 320*180@30/25/20/15/10/5fps
View Angle	34.1° ~ 85°
Focus Length	f=3.35mm ~ 10.05mm
AV	F1.7 ~ 3.0
Optical Zoom	3X
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	Auto / Manual/ One Push Focus
Exposure	Auto / Manual
BLC	On/Off
Video Adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve
SNR	>50dB
<b>Input/output Interface</b>	
Video Output	USB2.0 Interface
Video Compression Format	MJPG, H.264, H.265
Control Interface	RS232 (IN/OUT), RS485
Control Protocol	VISCA/Pelco-D/Pelco-P
Power Interface	HEC3800 outlet (DC12V) or USB

USB Feature	
Operation Systems	Windows 7, Windows8, Windows10, Mac osx, Linux, etc.
Video Compression Format	MJPG/H264/H265
USB Communication Protocol	UVC

PTZ Parameter	
Pan Rotation	-170°~+170°
Tilt Rotation	-30°~+30°
Pan Control	0.1 ~60°/sec

Speed	
Tilt Control Speed	0.1~40°/sec
Preset Speed	Pan: 60°/sec, Tilt: 40°/sec
Preset Number	255 presets (10 presets via remote control)

<b>Other Parameter</b>	
Input Voltage	12V
Input Current	Maximum: 4.98A
Power Consumption	Maximum: 2.5W
Stored Temperature	-40°C~+70°C
Storage Humidity	20%~90%
Working Temperature	-10°C~+50°C
Working Humidity	20%~80%
Dimension (W*H*D)	156.8mm×112.6mm×139.5mm
Weight	1KG
Application	Indoor
Package	Power Supply, RS232 Control Cable, IR Remote Control, User Manual, Warranty Card, USB2.0 Cable
	Ceiling or Wall Mount