c-Stream

Pro33 *HD Video Professional Camera*

Product Features

1080P Full HD / 30x Optical Zoom

Equipped with 1/2.8", 2.07 million effective pixels high quality HD CMOS sensor, can reach maximum 1920 x 1080 high resolution and achieve quality image.

Ultra-High Frame Rate
The output frame rate up to 60fps in 1080P.

AAC Audio Encoding
Support AAC audio encoding, better sound quality and smaller bandwidth.

Leading Auto Focus Technology
Using advanced focusing algorithm, the lens can focus quickly, accurately and stably.

Remote Control
Through the RS232 and RS485 serial ports, the camera can be controlled remotely.

Low Illumination
The application of 2D and 3D noise reduction algorithm greatly reduces image noise. Even under the condition ofultra-low illumination, it still keep the picture clean and clear, and the SNR of image is as high as 55dB.

Multiple Interfaces
distance up to 150 meters (in 1080p30). HDMI, SDI, Network USB can output at the same time.

60° Wide-angle Lens + 30x Optical Zoom
Use 60° wide-angle high quality lens, support 30x optical zoom.

Product Specification

Camera

Signal System	1080p/60，1080p/59.94，1080p/50 1080i/60，1080i/59.94，1080i/50，1080p/30，1080p/29.97, 1080p/25，720p/60，720p/59.94，720p/50
Sensor	1 /2.8 inches ,COMS ,Effective Pixel : 2.07 Megapixels
Scanning Mode	Progressive
Focal length	30x, f4.42mm ~ 132.6mm, F1.8 ~ F2.8
Minimum Illumination	0.5Lux @ (F1.8, AGC ON)
Shutter Speed	30/1s ~ 10000/1s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
S/N Ratio	≥55dB
Horizontal FOV	60.7° ~ 3.36°
Vertical FOV	34.1° ~ 1.89°
Pan Angle	±170°
Tilt Angle	-30° ~ +90°
Pan Speed	1.7° ~ 100°/s
Tilt Speed	1.7° ~ 69.9°/s
Image Flip	Support
Image Freeze	Support
PoE	Support
Local Storage	Support
Preset Position	255
Preset Accuracy	0.1°

USB Features

Operating System Supported	Windows® 7 (only 1080P and below supported), Windows 8.1, Windows 10 or higher macOS™ 10.10 or higher Google™ Chromebook™ Version 29.0.1547.70 or higher Linux (support UVC)
Color System / Compression	YUY2 / MJPEG / H.264
Video Format	YUY2:1080P@60fps (max.) H.264 AVC:1080P@60fps (max.) H.264 SVC (optional): 1080P@60fps (max.) MJPEG: 1080P@60fps (max.)
UVC Audio	Support
USB Video Communication Protocol	UVC1.5-1.1
UVC PTZ Control	Support

Audio

Microphone Array	Built-in dual microphones, 100Hz to 16KHz frequency response.
Audio Output	Support HDMI, USB, LAN, SDI etc.
Audio Output	Support 3.5mm Line-In; Support 3.5mm Line-Out

General Specifications

Input Voltage	DC 12V / PoE (802.3af)
Input Current	1.0A (Max.)
Operating Temperature	- 10 °C ~ 40℃
Storage Temperature	- 40℃ ~ 60℃
Power Consumption	12W (Max.)
Dimensions	169mm x 146mm x 164mm
Net Weight	1.35Kg

Interfaces

HD Output	1 x HDMI: Version 1.3 1x3G-SDI: BNC type, 800mVp-p, 75Ω, SMPTE 424M standard 1 x 3.5mm Audio Interface, Line In
Audio Interface	Built-in dual microphones 1 x Line In, 3.5mm Jack 1 x Line Out, 3.5mm Jack
Network Interface	1 x RJ45 :10M/100M/1000M
USB Interface	1 x USB3.0: Type A
Control Interface	1 x RS0 :485pin phoenix port, Max Distance: 1200m, Protocol: VISCA / Pelco-D / Pelco-P; 1 x RS232 IN: 8pin Mini DIN, Max Distance: 30m, Protocol: VISCA / Pelco-D / Pelco-P; 1 x RS232 OUT: 8pin Mini DIN, Max Distance: 30m, Protocol: VISCA only
Power Interface	JEITA(DC IN 12V)

Network Features

Video Compression	H.264 / H.265
Video Stream	First Stream, Second Stream
First Stream Resolution	1920x1280 ,1024x720 ,720x576, etc.
Second Stream Resolution	1280x720 ,1240x576 ,720x576, etc.
Video Bit Rate	32Kbps ~ 102400Kbps
Bit Rate Control	Variable Bit Rate, Constant Bit Rate
Frame Rate	1fps-60fps
Audio Compression	AAC, G711A
Audio Bit Rate	96Kbps, 128Kbps, 256Kbps
Protocol	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast,SRT, GB/T 28181etc.