



Description

It adopts a cylindrical integrated streamlined design, has a built-in 4K ultra-high-definition camera, and integrates a TOF and 12x optical zoom lens, which can automatically track the subject and achieve fast and accurate focusing. It adopts advanced ISP processing technology and algorithm, which provide vivid image effects, uniform picture brightness, clear light and color layering, high definition and good color reproduction, and the best viewing effect is presented. It is suitable for various application scenarios such as distance education and practical training recording and broadcasting.

Feature

- * 4K ultra-high-definition image: Using a 1/2.8-inch high-quality CMOS image sensor, the maximum resolution can reach 3840×2160, and the output frame rate can reach up to 30 frames/second, presenting clear and lifelike high-definition video, vividly showing the expressions and movements of characters .
- * Using high-quality optical lens, the optical zoom reaches 12 times.
- * The advanced auto-focus algorithm enables the lens to complete auto-focusing quickly, accurately and stably.
- * Adopting laser rangefinder technology, which has an auxiliary focusing function to make the focusing speed faster and more stable.
- * The low-noise CMOS effectively ensures the ultra-high SNR of the camera video. Adopt advanced 2D and 3D noise reduction technology to further reduce noise while ensuring image clarity.
- * With multi-function control button panel, which can conveniently control common functions such as zoom, focus, brightness adjustment, freezing, and menu.
- * Support 3G-SDI, HDMI and network audio and video output, uses AAC audio encoding, supports 48000 sampling frequency, has better sound quality and consumes less bandwidth.
- * The LAN interface supports POE power supply.
- * Multiple network protocols: support ONVIF, GB/T28181, RTSP, RTMP, VISCA OVER IP, IP VISCA, RTMPS, SRT protocols; support RTMP push mode, easily connect to streaming media servers (Wowza, FMS); support RTP multicast mode.



Specification

Image sensor	1/2.8-inch high-quality 4K CMOS sensor
Effective pixel	8.29 million, 16:9
HDMI interface video format	3840*2160P30/25;1080P60/50/30/25/59.94/29.97;720P60/50/59.94fps
3G-SDI interface video format	1080P60/50/30/25/59.94/29.97;720P60/50/59.94fps
LAN interface video format	H264 : 3840*2160P30/25;1080P60/50/30/25/59.94/29.97;720P60/50/59.94fps
Optical zoom	12× optical zoom lens, f = 3.9mm~46.8mm
Horizontal viewing angle	7.42°(T)~ 78.58°(W)
Vertical viewing angle	6.48°(T)~ 70.82°(W)
diagonal viewing angle	3.66°(T)~ 42.72°(W)
Aperture factor	F1.6 – F2.8
Minimum illumination	0.5Lux(F1.8, AGC ON)
Digital noise reduction	2D&3D digital noise reduction
White balance	Manual/automatic/one-click white balance/specified color temperature
Focus	Automatic/manual/one-key focusing, supports TOF laser ranging module, assisted focusing
Shutter, Aperture	1/25-1/20000, automatic/manual
BLC	on/off
Dynamic range	Off/Dynamic Level Adjustment
Video adjustment	Brightness, chroma, saturation, contrast, sharpness, black and white mode
SNR	≥50dB
Button panel functions	Zoom in, zoom out, brightness+, brightness-, freeze, mode, menu
Video output interface	HDMI, SDI, LAN
Audio input interface	Line IN
Image stream	Dual stream output
Control interface	RS485, 2PING Phoenix terminal, supports VISC protocol
Video compression format	H.264
Network Interface	100M network port (10/100BASE-TX) supports PoE power supply and audio and video output
Network protocol	RTSP, RTMP, ONVIF, GB/T28181; support network VISCA control protocol; support remote upgrade, remote restart, remote reset
Power interface	5.0 card line socket (DC12V)
Power Adapter	Input AC110V-AC220V output DC12V/2A
Power consumption	25W
Input voltage	DC12V±10%
Usage environment	Indoor
Storage temperature	-10°C ~ +60°C
Storage humidity	20% ~ 95%, no condensation
Operating temperature	-10°C ~ +50°C
Operating humidity	20% ~ 80%, no condensation
Product size (L*W*H)	157.7*73.3*85mm
Package size	535*385*440mm
Net weight	0.69 kg
Gross weight	1.12 kg