CANDYPOP™

CANDYPOP
CP12XA

4K Ultra HD

New generation SONY 1 / 2.5-inch high-resolution UHD CMOS sensor with a maximum of 8.51 million pixels, which enables 4K (3840×2160) ultra-high-resolution high-quality images, downward compatibility including 1080P, 720P and other resolutions.

Remote control

RS232, network and USB can be used to control the camera.

12X Optical zoom + 16X Digital Zoom

Use 71° wide-angle high quality lens, support 12x optical zoom, and 16x digital zoom.

Full-featured Multi interface

Full function HDMI + SDI + IP + USB four-channel simultaneous outputs, compatibility USB 2.0, support compressed video output, support UVC protocol.

Double stream

At the same time support two streams of stream output (YUY2, MJPEG, H.264 two), to reduce the host codec pressure.

H.264 Slice/ H.264 SVC encoding support

The output H.264 stream supports Slice and SVC encoding modes for high-end USB conferencing video applications.

Low illumination

New CMOS image sensor with ultra-high SNR can effectively reduce the image noise under low illumination. At the same time, the 2D and 3D noise reduction algorithms are applied to greatly reduce the noise. Even under ultra-low illumination, the picture is still clean and clear.

TECHNICAL SPECIFICATIONS

Model	Candypop - CP12XA
Type	PTZ Camera
Resolution	4K @ 60fps, 1080P @ 60fps, 720P @ 60fps
Video Format	H.264 AVC, H.264 SVC, H.265, MJPEG
Optical Zoom	12X (f 4.4mm ~ 52.8mm, F1.8 ~ F2.6)
Digital Zoom	16X
Minimal Illumination	0.05 Lux @ (F1.8, AGC ON)
White Balance	Automatic, one-click, manual
Backlight Compensation	Support
Video S/N	≥55dB
Digital Noise Reduction	2D&3D Digital Noise Reduction
Sensor	1 / 2.5", CMOS, Effective Pixel: 8.51M
PAN Range	±170°
Tilt Range	−30° ~ +30°
Horizontal Angle of view	71 ° ~ 8.2 °
Vertical Angle of view	42.7 ° ~ 4.5 °
Input/Output Interface	HDMI, USB 3.0, LAN(RJ-45), RS232, 3G-SDI, Line In
Operating System Support	Windows, Mac OS X, Linux, Android
No. of Preset	255 Preset
Input Voltage	DC 12V
Power Consumption	12W (Max)
Operating Temperature	−10 ° C ~ 40 ° C
Dimension (W X H X D)	200mm x 176mm x 130mm
Net Weight	1.41 Kg