AI EDUTECH
12X 4K PTZ
CAMERA

Where Clarity Meets Brilliance.

EduTech

FEATURES

01

Full Featured Multi Interface

Full function HDMI + SDI + IP + USB four-channel simultaneous outputs, compatibility USB2.0, support compressed video output, support UVC protocol.

02

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.

03

12X Optical zoom + 16X Digital Zoom

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

04

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.

05

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.

06

Double Stream

At the same time support two streams of stream output (YUY2, MJPEG, H.264 two), to reduce the host codec pressure.
LIVE PRODUCTION VIRTUAL SWITCHER before your data's at risk!

07

Remote Control

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

±30°

HFOV71°

±170°

SPECIFICATION

No	Specification	Specification
1.	Model	EDUTECH - C12HULT
2.	Type	PTZ Camera
3.	Resolution	4K @ 60fps, 1080P @ 60fps, 720P @ 60fps
4.	Video Format	H.264 AVC, H.264 SVC, H.265, MJPEG
5.	Optical Zoom	12X (f 4.4mm ~ 52.8mm, F1.8~ F2.6)
6.	Digital Zoom	16X
7.	Minimal Illumination	0.05 Lux @ (F1.8, AGC ON)
8.	White Balance	Automatic, one-click, manual
9.	Backlight Compensation	Support
10.	Video S/N	>255dB
11.	Digital Noise Reduction	2D&3D Digital Noise Reduction
12.	Sensor	1/2.5", CMOS, Effective Pixel: 8.51M

CONFERENCE ROOM

SPECIFICATION

No	Specification	Specification
13.	Pan Rang	±170°
14.	Tilt Rang	-30°~ +30°
15.	Horizontal Angle of view	71°~8.2°
16.	Vertical Angle of view	42.7°~4.5°
17.	Input / Output Interface	HDMI, USB 3.0, LAN(RJ-45), RS232, 3G-SDI, Line In
18.	Operating System Support	Windows, Mac OS X, Linux, Android
19.	No. of Preset	255 Preset
20.	Input Voltage	DC 12V
21.	Power Consumption	12W (Max)
22.	Operating Temperature	-10° C~ 40° C
23.	Dimension (WXHX D)	200mm x 176mm x 130mm
24.	Net weight	1.41 Kg

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