Silex Eye-Clarity DZ4

EPTZ Ultra HD auto framing camera

Silex Eye-Clarity DZ4 is a professional 4K Ultra HD video conferencing camera with two embedded high sensitivity microphones. It is an ideal Plug & Play camera that connects to a laptop via USB for personal use, or for huddle rooms and small to medium conference rooms.
Easy to install and operate with most video conferencing software the Eye-Clarity DZ4 can be remote controlled and offers a wide field of view with auto framing and ePTZ for an optimal video experience.

Main Features

- 4K Ultra HD image sensor with 8.42MP optical full glass lens for crisp images
- Two built-in high-sensitivity omni-directional digital microphones
- 120° Ultra-wide Angle
- Auto-framing
- ePTZ function with 4x lossless digital zoom and electronic pan/tilt
- USB Plug & Play
- Supports image flip for upside down ceiling installation
- Remote control
- 3 camera preset positions

Specifications

Camera:

- Camera sensor: 1/2.8" high quality 8.42MP SONY CMOS sensor
- Lens: high quality 12MP and 120-degree optical full glass lens
- Minimum illumination: 0.1Lux at F2.2
- Noise reduction : 3D
- White Balance : Auto
- Anti-Flicker: Off / 50Hz / 60Hz
- Gain control : Auto
- Backlight compensation
- Electronic Shutter: auto / Manual
- SNR : >50db
- Lens focus: f=2.22mm F2.2
- 3 camera preset positions using the remote control
- Zoom: Fixed Lens with E-PTZ, 4x digital zoom
- Pan/Tilt: electronic
- Horizontal FOV: 120°
- Video output interface: USB2.0
- Mirror: supported
- Ceiling mount: supported
- Image flip: supported
- Video output format:
  - MJPG/H.264/H.265: 3840*2160@30, 2560*1440@30, 1920*1080@30, 1280*720@30, 640*480@30, 320*240@30
  - YUY2/NV12: 1920*1080@30, 1280*720@30, 640x480@30, 320*240@30

Built-in Microphones:

- 2x high sensitivity omni-directional
- Pickup Range: 5m

Power supply: USB 2.0 5V 1A

Weight and Dimensions:

- Dimension: 199 × 93 × 65mm
- Weight: 370g

Temperature and Humidity:

- Working temperature: -10°C ~ 50°C
- Storage temperature: -20°C ~ 60°C
- Working humidity: 10% ~ 80%
- Storage humidity: 0% ~ 95%

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