



# Silex Eye-Clarity HDC28

**USB 4K Auto Frame WDR Webcam**



Silex Eye-Clarity HDC28 is a 4K Ultra HD video conferencing camera with two embedded high sensitivity microphones. Designed for personal use and small rooms, this camera provides high quality video and audio, with Intelligent AI framing technology that automatically detects and adjusts the framing to keep you perfectly centered, allowing you to move naturally without worrying about being out of frame. Easy to install and operate with most video conferencing software the Eye-Clarity HDC28 offers adjustable FOV through 5x digital zoom. With its noise reduction feature, the voice pick up is clear even in noisy environments. With its WDR feature, the images captured by the camera are crisp and clear even in low light conditions.

## Main Features

- Wide Dynamic Range (WDR), Auto Frame, Digital Zoom 5X.
- Dual microphones, 3 meters voice pickup.
- USB type C interface plug and play.
- Wide angle 92° FOV.
- AI powered auto framing: Intelligent AI framing technology automatically detects and adjusts the framing to keep you perfectly centered, allowing you to move naturally without worrying about being out of frame.
- Support Wide Dynamic Range (WDR): Experience exceptional image clarity and detail, even in challenging lighting conditions. The WDR feature balances light and shadows to provide clear visuals in any environment.



WDR



Dual Mic



Auto Framing



4K/30fps



5X Digital Zoom

# Specifications

## Camera:

- Camera sensor: 1/2.8" high quality 8.29 MP CMOS sensor
- Focus Mode: Auto Focus / Fixed Focus
- Aperture:  $2.2 \pm 5\%$
- Image area: 5.85mm x 3.27mm
- Video output format: MJPG / YUY2 / H.264
- Field of view: 92°
- AIC:
  - Automatic Exposure (AE)
  - Auto White Balance (AWB)
  - Dynamic Black Level Calibration (DBLC)
- Resolution: 3840\*2160@30fps, 2592x1944@30fps, 1920\*1080@30fps, 1280\*720@30fps, 640\*480@30fps



## Microphone:

- Mic quantity: 2
- SNR: >58dB
- Sensitivity:  $-38 \pm 3\text{dB}$  (0dB=1V/Pa, 1 KHz)
- Pickup range: 3 meters
- Horizontal Voice pickup: Horizontal 180°
- Communication Mode: Full Duplex
- AIC:
  - Automatic gain control
  - Automatic noise reduction control
  - Automatic echo noise reduction control

## Other specifications:

- Interface type: Type C
- Voltage: 5V/500mA
- OS: Win / Linux / MAC / Android
- Size: 128x52x48 mm
- Weight: 100g



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