

# 4K Business Webcam

UAI413WDZU3

4K USB ePTZ Camera, built-in microphones, USB3.0 and group framing capability, automatically present the participants in the center of the image, provide high quality A/V experiences and seamless communication for end users.



## Features

- 4K UHD**  
 Use a high -quality 1/2.5 inches UHD CMOS sensor with 8.29 million pixels. Support max 4K30fps image output and multiple lower resolutions like 1080p/720p.
- Lens**  
 84 ° (integrated automatic focus function)/120 ° ultra -wide -angle lens, while supporting EPTZ.
- Microphone**  
 The built -in microphone, the pick -up distance is 6 meters long, high sensitivity, low -bottomed noise.
- USB 3.0**  
 Full -function USB 3.0 interface, power supply, video, audio, support 1 USB video signal source + audio source, and support 1 HDMI at the same time.

- Low Illumination**  
 The new generation high performance CMOS image sensor can significantly reduce the image noise in low illumination. With the 2D and 3D noise reduction algorithms, even in an ultra-low illumination environment, camera can still deliver a sharp and clean image with more than 55dB S/N ratio.
- Auto Framing**  
 The screen's view angle is automatically adjusted depending on the people within the detection range through the cutting-edge deep learning algorithm to avoid manual adjustment of camera and provide you with new experience.
- Easy Installation**  
 The standard configuration includes a damped rotary support, which is compatible with almost 100% of the displays available on market; it's easy to install, stable and reliable.

## Product Specification

### Camera Spec

Sensor	1/2.5 inches, CMOS, Effective Pixels:8.29 Megapixe Scanning
Mode	Progressive
Type of Lens Mount	M12
Lens If	=3.5mm,Horizontal FOV: 84°
Lens Iif	=2.8mm,Horizontal FOV: 120°
Auto Focus	Support (only 84° Support)
Minimum Illumination	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Bracket Support	

### I/O

USB Interface	1 x USB 3.0, type B
HDMI Interface	1 x HDMI1.4b (Optional)

### Generic Spec

Input Voltage	5V (USB Power Supply)
Input Current	600mA
Operating Temperature	-10°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	3W
Dimension	194mm (W) x 42mm (D) x 34mm (H)
Net Weight	0.5kg

### USB Spec

Operating System	Windows 7 (only supports UVC1.1 features), Windows 8 and above version, MacOS 10.5 and above version, Linux 2.4.6 and above version, Android needs to include the version of UVC- related drivers
Color System / Compression	YUY2 H.264 / MJPEG 4K P30/25 ; 1080P30/25 ;
Signal System	720P30/25 ;
USB Video Communication Protocol	960x540P30/25 ; 640x360P30/25 etc
UVC PTZ Control	UVC 1.1 Support (EPTZ)



## Interface Diagram



1 — HDMI (Optional)  
2 — USB3.0