

Q-BRITE

imaginArt™

CAM20 Business Webcam

4K / USB3.0 / Synchronous Output of Video & Audio



Product Features

● 4K UHD

Support 4K Ultra HD with super resolution up to 4K@30fps/25fps encoding output, and down compatible with 1080P and 720P etc.

● USB 3.0

The USB 3.0 port can provide power supply, videos and audios, and support 1 USB video signal source + audio signal source.

● Low Illumination

The application of 2D and 3D noise reduction algorithm greatly reduces image noise. Even under the condition of ultra-low illumination, it still keep the picture clean and clear, and the SNR of image is as high as 55dB.

● Auto Framing

Smart Autoframing is supported for changes of seating arrangement of personnel in conference room; cameras are automatically adjusted for better view.

● Lens

Wide-angle FOV up to 84 ° (integrated with auto focus)/120 ° ; small lens for big horizon. The support for EPTZ enables users to put pictures bigger and see them more clearly in a stationary for mobile manner.

● Intelligent Analysis

Built-in intelligent analysis algorithm, humanoid tracking, participants automatic frame selection.

● Built-in Microphone

The built-in microphones offer omnidirectional pickup within an effective range up to 6m. The wonderful noise suppression algorithm helps record your voice perfectly.

● 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 Specifications

Camera

Sensor	1/2.5 inches, CMOS, Effective Pixels: 829 Megapixels
Scanning Mode	Progressive
Type of Lens Mount	M12
Lens I	Focal length: f=3.5mm, Horizontal FOV: 84°
Lens II	Focal length: f=2.8mm, Horizontal FOV: 120°
Auto Focus	Support (only 84° Support)
Minimum Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Camera Stand	The standard configuration includes a damping rotary support
Digital Noise Reduction	2D & 3D Digital Noise Reduction
Backlight Compensation	Support



USB Features

Operating System	Windows® 7 (only 1080p and below are supported) Windows 8.1, Windows 10 or higher versions macOS™ 10.10 or higher versions Linux (support for UVC needed) Android
Hardware Requirements	2.4 GHz Intel® Core 2 Duo CPU or higher; 2 GB or larger memory; USB 2.0 (USB 3.0 required for 4K)
Color Space	H.264 / MJPEG / YUY2
Signal System	4K/30, 4K/25, 1080p/30, 1080p/25, 720p/30, 720p/25, 960x540p/30, 960x540p/25, 640x360p/30, 640x360p/25, etc.
USB Video Communication Protocol	UVC 1.1
UVC PTZ Control	Support (EPTZ)

Interfaces

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

General Specifications

Input Voltage	5V (USB Power Supply)
Input Current	600mA
Operating Temperature	-10° C ~ 40° C
Storage Temperature	-40° C ~ 60
Power Consumption	3W
Dimension	194mm x34mm x 42mm
Net Weight	0.5kg
Digital Zoom	8x