

# FIBERME

## FC20 Conference Camera

# Video Conference Camera



### FC20

The FIBERME FC20 Video Conference Camera is equipped with a new generation of UHD CMOS. The FIBERME FC20 4K USB Camera features built-in microphones and USB 3.0 connectivity. With advanced AI capabilities, the camera supports body tracking and group framing, automatically centering participants in the image and delivering high-quality audio and video experiences. Equipped with the latest UHD CMOS image sensors, it captures 4K videos in exquisite detail.

The 110-degree wide-angle, low-distortion 4K lens provides a comprehensive panoramic view. Embedded NNE hardware utilizes deep learning technology to extract target characteristics and ensure smooth face tracking, regardless of the face's orientation. This camera is ideal for automatic speaker tracking during lectures and presentations.



4k Video Quality



110° Wide Angle Lens



2x Microphones Array, 8m pickup range



USB 3.0



AI Auto Framing



8X Digital Zoom

### 4k HUD

Equipped with a new generation of UHD CMOS image sensors, shooting 4K videos with full details. With a 110-degree oversized angle low distortion of 4K lens, the panoramic view of the panoramic view.

### Beamforming Microphone Array<sup>1</sup>

The built-in beamforming microphone array has a unique noise suppression algorithm and automatic gain algo

### AI Tracking

Embedded NNE hardware uses the deep learning technology to extract the target's characteristics and allow smooth face tracking, no matter where the face is facing. The product is applicable to automatic tracking of speakers in lecture and presentation.

### Convenient Operation

Through exquisite infrared remote control, exclusive software, one-click to start automatic frame selection, humanoid tracking, and at the same time, you can set preset positions, EPTZ, image parameters, etc.

### USB 3.0

The USB 3.0 port can provide power supply, videos and audios, and support 2 USB video signal sources (optional) + 1 audio source.

### AI Capability

The multi-layer convolutional neural network and the cutting-edge deep learning algorithm inject intelligent features into cameras; high-quality analytic data is available through open APIs.



<b>Camera Sensor</b>	1/2.7 inches, CMOS, Effective Pixels:8.29 Megapixel
<b>Scanning Mode</b>	Progressive
<b>Type of Lens Mount</b>	M12
<b>Camera Lens</b>	f=2.2mm, Horizontal FOV: 110°
<b>Minimum Illumination</b>	0.5Lux @ (F1.8, AGC ON)
<b>Shutter</b>	1/30s ~ 1/10000s
<b>White Balance</b>	Auto, Indoor, Outdoor, One Push, Manual
<b>Bracket</b>	Damping rotating bracket
<b>Digital Noise Reduction</b>	2D&3D Digital Noise Reduction
<b>Backlight Compensation</b>	Support
<b>Supported Operating System</b>	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
<b>Hardware Requirements</b>	<ul style="list-style-type: none"> <li>• 2.4 GHz Intel® Core 2 Duo Processor or higher</li> <li>• 2 GB memory or higher</li> <li>• USB 2.0 (4K requirements USB 3.0)</li> </ul>
<b>Color System / Compression</b>	H.264 / MJPEG / YUY2
<b>Video Format</b>	4KP30/25, 1080P30/25, 720P30/25, 960x540P30/25, 640x360P30/25 etc.
<b>USB Video Communication Protocol</b>	UVC 1.1
<b>UVC PTZ Control</b>	Support(EPTZ)
<b>USB Interface</b>	1 x USB 3.0, type C
<b>Remote Control</b>	Optional



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