



# C1620 1080P FHD VIDEO CONFERENCE CAMERA FOR BUSINESS MEETING



HD 1080P



20X optical zoom



340° PTZ rotation



Image Flip



USB Plug&Play

## C1620

- Superb High-definition Full 1080P
- 340° Quiet PTZ & Multiple Preset
- Dual power supply
- 20x Optical Zoom + 16x Digital Zoom
- Remote Control

## SUPERIOR PERFORMANCE

20x PTZ camera offers perfect functions, superior performance and rich interfaces. The features include advanced ISP processing algorithms to provide vivid images with a strong sense of depth, high resolution, and fantastic color rendition. It supports H.264/H.265 encoding which makes motion video fluent and clear even under less than ideal bandwidth conditions.



## WIDELY COMPATIBLE

Compatible with most common IM and conferencing Apps software, such as Zoom, Microsoft Teams, CISCO WebEx and skype for business. Convenient for you to make a video conference with your team anywhere and it can also help you to achieve customers with a face to face full HD video conference.

## MULTIPLE CONTROL PROTOCOL

Support VISCA, PELCO-D, PELCO-P protocols and automatic identification protocol.



## IR REMOTE CONTROLLER

When the camera is operational, you can use the remote controller to perform panning, tilting, zooming and focusing, as well as store and call back preset positions.

## APPLICATION SCENARIOS



## PRODUCT SPECIFICATION

|                                  |   |
|----------------------------------|---|
| Model                            | C1620   |
| Name                             | HD Video Conference Camera  |
| Camera                           |   |
| Video System                     | 1080P, 720P, 540P, 480P, 360P, 240P etc.  |
| Sensor                           | 1/2.8", CMOS, Effective Pixel: 2.07M  |
| Scanning Mode                    | Progressive   |
| Lens                             | 20x, f5.5mm ~ 110mm, F1.6 ~ F3.5  |
| Digital Zoom                     | 16x   |
| Minimal Illumination             | 0.5 Lux @ (F1.8, AGC ON)  |
| Shutter                          | 1/30s ~ 1/10000s  |
| White Balance                    | Auto, Indoor, Outdoor, One Push, Manual, Specified color temperature(2500K-8000K)                                       |
| Backlight Compensation           | Support   |
| Digital Noise Reduction          | 2D&3D Digital Noise Reduction   |
| Video S/N                        | ≥55dB   |
| Horizontal Angle of View         | 51.3° ~ 2.7°  |
| Vertical Angle of View           | 29.7° ~ 1.5°  |
| Horizontal Rotation Range        | ±170°   |
| Vertical Rotation Range          | -30° ~ +90°   |
| Pan Speed Range                  | 2.7° ~ 35.7°/s  |
| Tilt Speed Range                 | 2.7° ~ 31.5°/s  |
| H & V Flip                       | Support   |
| Image Freeze                     | Support   |
| Number of Preset                 | 255   |
| Preset Accuracy                  | 0.1°  |
| USB Featured                     |   |
| Operate System                   | Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android  |
| Color System / Compression       | YUV 4:2:2 / H.264 / MJPEG   |
| Video Format                     | YUY2 (BULK): max to 1080P@30fps YUY2 (ISOC): max to 1080P@30fps H.264 AVC: max to 1080P@30fps MJPEG: max to 1080P@30fps |
| Audio on USB                     | Support   |
| USB Video Communication Protocol | UVC 1.1~1.5   |
| UVC PTZ                          | Support   |
| IPC Features                     |   |
| Video Compression                | H.265/H.264/MJPEG   |
| Video Stream                     | Main Stream, Sub Stream   |
| Main Stream Resolution           | 1920x1080, 1280x720, 1024x576, 960x540, 640x480, 640x360  |
| Sub Stream Resolution            | 1280x720, 1024x576, 720x576(50Hz support), 720x480(60Hz support), 720x408, 640x360, 480x270, 320x240, 320x180           |
| Video Bit Rate                   | 32Kbps ~ 102400Kbps   |
| Bit Rate Type                    | Variable Rate, Fixed Rate   |
| Frame Rate                       | 50Hz: 1fps ~ 25fps, 60Hz: 1fps ~ 30fps  |
| Audio Compression                | AAC   |
| Audio Bit Rate                   | 96Kbps, 128Kbps, 256Kbps  |
| Support protocols                | TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc.  |
| Input/Output Interface           |   |
| USB Interface                    | 1xUSB3.0: Type B female jack  |
| Network Interface                | 1xRJ45: 10M/100M Ethernet Interface   |
| Audio Interface                  | 1-ch: 3.5mm Audio Interface, Line In  |
| Communication Interface          | 1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P  |
| Power Jack                       | JEITA type (DC IN 12V)/USB B type (DC IN 5V)  |

