UC Pro 4K 60fps PTZ Camera with 12x Optical Zoom

UNPRECEDENTED CLARITY FOR A NEW GENERATION OF VIDEO CONFERENCING.

The MAXHUB 4K 60fps UC P20 is the next-generation of video conferencing equipment. This premium 4K UHD camera ensures crystal-clear video in any environment. 12x optical plus 16x digital zoom guarantees sensational clarity with smooth and ultra-silent PTZ. With versatile outputs and plug-and-play simplicity, the UC P20 sets new standards for mid-to-large meeting rooms.
4K 60fps Imaging System for Unprecedented Clarity

SONY 1/2.5-inch CMOS image sensor | 12x 4K optical zoom | Unmatched image sensor processor

The superior 8.51 megapixel CMOS image sensor ensures excellent UHD video quality of up to 4K at 60fps. 12x optical zoom delivers clarity at any distance. Industry-leading ISP with 2D & 3D DNR boosts the quality of any video meeting.
Ultra-silent PTZ Operation with Versatile Wide Viewing Angles

Tilt ±30° | HFoV 71° | Pan ±170°

HFoV 71° viewing angles combined with smooth pan and tilt control puts every meeting in incredible focus. Whisper-silent motor allows users to adjust angles and zoom performance without pulling attention away from the conversation. Choose from up to 255 preset camera positions to instantly find the angle that’s right for you.
12x Optical Zoom & 16x Digital Zoom for Exceptional Image Quality Anywhere

12x optical zoom delivers sensational 4K resolution without compromising on clarity at any distance. 16x digital zoom provides more accurate close-ups. You can zoom up to 192 times, extending capture reach to as far as 200 metres.
12x optical zoom
Unmatched ISP with 2D & 3D DNR
Delivers Crisp, Clear Images

Unmatched image sensor processor | 1/2.5-inch CMOS image sensor | True WDR

Premium ultra-low CMOS image sensors significantly reduce image noise, for crystal-clear pictures anywhere. Pioneering 2D and 3D DNR technology delivers unbeatable image quality even in low-light conditions. The result is a signal-noise ratio of ≥55dB and above.
Versatile Outputs for Plug-and-Play Simplicity

- RJ45 (support PoE) *1
- HDMI 2.0 *1
- USB 3.0 *1

Enjoy an easy set-up with plug-and-play functionality. Multiple ports including HDMI 2.0 and USB 3.0 deliver 4K at up to 60fps, so you can start conferences instantly. You’ll be ready for any meeting in seconds, and the camera works with virtually any meetings application.
Pan, Tilt, Zoom, All Ready for Remote Access

IR remote | Support for RS232/RS485

Pan, tilt and zoom to find the angle that suits you. A handy compact remote means that you can control your view with ease. RS232/RS485 ports enable quick connectivity with remote control software.
Meet However You Choose with Configurations to Suit You

PTZ wide viewing angle | Gravity sensor with auto image reverse

Configure your meeting room to suit your needs. Install your camera as a wall, ceiling, or tabletop mounted device or choose a handy tripod. Built-in gravity sensors automatically correct your image orientation, and the UC P20 comes with the wall mounting hardware that you need to complete your meeting room.

- Wall
- Ceiling
- Tabletop
### Specification

#### Camera
- **Video System**: 4K@60fps, 4K@50fps, 4K@30fps, 4K@25fps, 4K@29.97fps, 4K@25fps, 4K@29.97fps, 1080P@60fps, 1080P@50fps, 1080P@25fps, 1080P@29.97fps, 1080P@30fps, 1080P@25fps, 1080P@29.97fps, 720P@60fps, 720P@59.94fps
- **Sensor**: 1/2.5 inch, CMOS, Max Effective Pixel: 8.51M
- **Lens**: 12x, f=4.4mm ~ 52.8mm, F1.8 ~ F2.6
- **Digital Zoom**: 16x
- **Minimum Illumination**: 0.5 Lux (F1.8, AGC ON)
- **Shutter**: 1/30s ~ 1/10000s
- **White Balance**: Auto, Indoor, Outdoor, OnePush, Manual, VAR
- **Digital Noise Reduction**: 2D & 3D Digital Noise Reduction
- **Signal Noise Ratio**: ≥55dB
- **Horizontal Angle of View**: 71° ~ 8.2°
- **Vertical Angle of View**: 42.7° ~ 4.5°
- **Horizontal Rotation Range**: ±170°
- **Vertical Rotation Range**: ±30°
- **Pan Speed Range**: 1.6°/s ~ 76°/s
- **Tilt Speed Range**: 0.5°/s ~ 15°/s
- **H & V Flip**: Supported
- **Image Freeze**: Supported
- **Number of Preset**: 255
- **Preset Accuracy**: 0.1°

#### Video Format
- **YUY2**: max to 1080P@30fps
- **H.264 AVC**: max to 2160P@60fps
- **H.264 SVC**: max to 2160P@60fps
- **MJPEG**: max to 2160P@30fps

#### USB Audio
- Supported

#### USB Video Communication Protocol
- UVC1.1 ~ 1.5

#### UVC PTZ
- Supported

#### Network
- **Video Compression**: H.264 / H.265 / MJPEG
- **Video Stream**: First Stream, Second Stream
  - **First Stream Resolution**: 3840x2160, 1920x1080, 1280x720, 1024x576, 960x540, 640x480, 640x360
  - **Second Stream Resolution**: 1280x720, 1024x576, 720x576 (50Hz supported), 720x480 (60Hz supported), 720x408, 640x360, 480x270, 320x240, 320x180
- **Video Bit Rate**: 32kbps ~ 51200kbps
- **Bit Rate Control**: Variable Rate, Fixed Rate
- **Frame Rate**: 50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps
- **Audio Compression**: AAC
- **Audio Bit Rate**: 96kbps, 128kbps, 256kbps
- **Protocols**: TCP / IP, HTTP, RTSP, RTMP / RTMPS, ONVIF, DHCP, SRT, Multi-cast

#### Input & Output
- **Network Interface**: 1×RJ45: 10/100/1000Mbps Adaptive Ethernet Port
- **Communication Interface**: 1×RS232 IN: 8pin Min DIN, Max Distance: 30m
  - Protocol: VISCA / Pelco-D / Pelco-P
- 1×RS485: 3pin phoenix port, Max Distance: 1200m
  - Protocol: VISCA / Pelco-D / Pelco-P
## Specification

<table>
<thead>
<tr>
<th>Audio Interface</th>
<th>1×LINEIN: 3.5mm Audio Interface</th>
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<tbody>
<tr>
<td>HDMI Interface</td>
<td>1×HDMI: Version 2.0</td>
</tr>
<tr>
<td>3G-SDI Interface</td>
<td>1×3G-SDI: BNC type, 800mVp-p, 75Ω A long to SMPTE 424M standard</td>
</tr>
<tr>
<td>USB Interface</td>
<td>1×USB3.0: Up to 4K@60fps compressed video and 1080P original video can be output</td>
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<tr>
<td>Power Jack</td>
<td>JEITA type (DC IN 12V)</td>
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### Power & Physical

<table>
<thead>
<tr>
<th>Input Voltage</th>
<th>DC12V</th>
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<tbody>
<tr>
<td>Current Consumption</td>
<td>1.0A (Max)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-10°C ~ 40°C</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-40°C ~ 60°C</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>12W (Max)</td>
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<tr>
<td>Dimension</td>
<td>238mm×131.8mm×166.35mm</td>
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<tr>
<td>NetWeight</td>
<td>1.3kg</td>
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### Statement

Size and weight may vary by configuration and manufacturing process, please refer to the actual product.
The product images are for illustrative purposes only and may slightly differ in appearance, color, size, etc. from the actual product.
The description, illustrations, etc. in the document may subject to change in accordance with the latest product specification and performance.
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