

MAXHUB

UC P20



UC Pro 4K 60fps FTZ 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.

Ultra-silent PTZ Operation with Versatile Wide Viewing Angles

Tilt 30° Pan 170° | Whisper-silent motor | Up to 255 presets



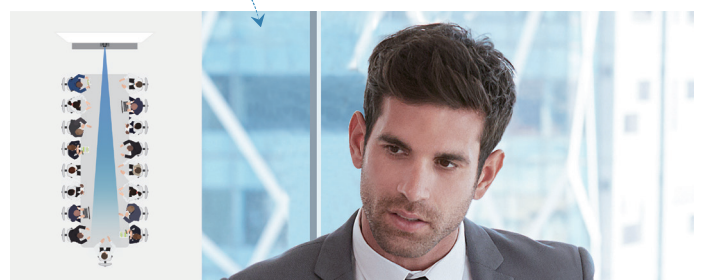
➤ HFoV 71° viewing angles combined with smooth pan and tilt control puts every meeting in incredible focus. Whisper-silent motor allows users to adjust angles and zoom performance without pulling attention away from the conversation. Choose from up to 255 preset camera positions to instantly find the angle that's right for you.

12x Optical Zoom & 16x Digital Zoom for Exceptional Image Quality Anywhere

12x optical zoom | 16x digital zoom



12x OPTICAL ZOOM



➤ 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.

Unmatched ISP with 2D & 3D DNR Delivers Crisp, Clear Images

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



After 2D & 3D DNR

Before 2D & 3D DNR



After WDR

Before 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 $\geq 55\text{dB}$ and above.

Versatile Outputs for Plug-and-Play Simplicity

① RJ45 (support PoE) ② HDMI 2.0 ③ USB 3.0

- 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 meeting application.



All Ready for Remote Access

IR remoter | 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.

Specification

* Specifications are subject to change without notice.

Camera			
VideoSystem	4K@60fps, 4K@50fps, 4K@30fps, 4K@25fps, 4K@59.94fps, 4K@29.97fps, 1080P@60fps, 1080P@50fps, 1080I@60fps, 1080I@50fps, 1080P@30fps, 1080P@25fps, 1080P@59.94fps, 1080I@59.94fps, 1080P@29.97fps, 720P@60fps, 720P@59.94fps	USB	Compatible with USB3.0 & USB2.0 USB2.0 (MJPEG 1080P, YUY2 720P) Supported
Sensor	1/2.5 inch, CMOS, Max Effective Pixel: 8.51M	USB Audio	Supported
Scanning Mode	Progressive	Video Communication Protocol	UVC 1.1~1.5 Supported
Optical Zoom	12x, f= 4.4mm ~ 52.8mm, F1.8 ~ F2.6	Network	
Digital Zoom	16x (HDMI only)	Video Compression	H.264 / H.265 / MJPEG
Minimum Illumination	0.5 Lux @ (F1.8, AGC ON)	Video Stream	First Stream, Second Stream
Shutter	1/30s ~ 1/10000s	First Stream Resolution	3840x2160, 1920x1080, 1280x720, 1024x576, 960x540, 640x480, 640x360
White Balance	Auto, Indoor, Outdoor, OnePush, Manual, VAR	Second Stream Resolution	1280x720, 1024x576, 720x576(50Hz supported), 720x480 (60Hz supported), 720x408, 640x360, 480x270, 320x240, 320x180
Backlight Compensation	Supported	Video Bit Rate	32kbps ~ 51200kbps
Digital Noise Reduction	2D & 3D Digital Noise Reduction	Bit Rate Control	Variable Rate, Fixed Rate
Signal Noise Ratio	$\geq 55\text{dB}$	Frame Rate	50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps
Horizontal Angle of View	71° ~ 8.2°	Audio Compression	AAC
Vertical Angle of View	42.7° ~ 4.5°	Audio Bit Rate	96Kbps, 128Kbps, 256Kbps
Diagonal Angle of View	82.8°	Protocols	TCP / IP, HTTP, RTSP, RTMP / RTMPS, ONVIF, DHCP, SRT, Multi-cast
Horizontal Rotation Range	$\pm 170^\circ$	Input & Output	
Vertical Rotation Range	$\pm 30^\circ$	Network Interface	1xRJ45: 10/100/1000Mbps Adaptive Ethernet Port
Pan Speed Range	1.6°/s ~ 76°/s	Communication Interface	1xRS232 IN: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA / Pelco-D / Pelco-P
Tilt Speed Range	0.5°/s ~ 15°/s		1xRS485: 3pin phoenix port, Max Distance: 1200m, Protocol: VISCA / Pelco-D / Pelco-P
H & V Flip	Supported	Package Contents	
Image Freeze	Supported	UC-P20 Camera	1
Number of Preset	255	Lens Cover	1
Preset Accuracy	0.1°	USB 3.0 Cable (2m)	1
USB Features		Power Adaptor	1
Operate System	Windows 7, Windows 8, Windows 10, MacOS X, Linux, Android	Remote Control	1
Encode Format	YUY2 / H.264 / H.265 / MJPEG	Wall-mount bracket	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	Mounting Screw Set	1
		User Manual	1
Audio Interface	1xLINEIN: 3.5mm Audio Interface		
HDMI Interface	1xHDMI: Version 2.0		
3G-SDI Interface	1x3G-SDI: BNC type, 800mVp-p, 75Ω A long to SMPTE 424M standard		
USB Interface	1xUSB3.0: Up to 4K@60fps compressed video and 1080P original video can be output		
Power Jack	JEITA type (DC IN 12V)		
Power & Physical			
Input Voltage	DC12V		
Current Consumption	1.0A (Max)		
Operating Temperature	-10°C ~ 40°C		
Storage Temperature	-40°C ~ 60°C		
Power Consumption	12W (Max)		
Dimension	238mm×131.8mm×166.35mm		
NetWeight	1.3kg		
Package Dimension	295mm×245mm×245mm		
Gross Weight	3.10kg		
Warranty			
Camera	3 years		
Accessories	1 year		
Compatible Application			
Support Major VC Software	ZOOM, Microsoft® Teams, Google Meet, Google Hangouts, Cisco WebEx®, RingCentral, etc.		
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. Should the above-mentioned change in the document become necessary, the document may be updated without written notice.			
HDMI			
NOTICE: The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.			