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 30º Pan 170º | 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 ≥55dB and above.

Versatile Outputs
for Plug-and-Play Simplicity

①RJ45 (support PoE)　②HDMI 2.0　③USB 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.

RESTORE　NET　RS232 IN　RS485　LINE IN　HDMI　3G-SDI　USB 3.0　DC 12V　ON OFF

①　②　③

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

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
Sensor	1/2.5 inch, CMOS, Max Effective Pixel: 8.51M
Scanning Mode	Progressive
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
Backlight Compensation	Supported
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°

UVC Features

Operate System	Windows 7, Windows 8, Windows 10, MacOS X, Linux, Android
Encode Format	YUY2 / H.264 / H.265 / MJPEG

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 DIN, Max Distance: 30m, Protocol: VISCA / Pelco-D / Pelco-P
	1×RS485: 3pin phoenix port, Max Distance: 1200m, Protocol: VISCA / Pelco-D / Pelco-P

Audio Interface	1×LINEIN: 3.5mm Audio Interface
HDMI Interface	1×HDMI: Version 2.0
3G-SDI Interface	1×3G-SDI: BNC type, 800mVp-p, 75Ω.A long to SMPTE 424M standard
USB Interface	1×USB3.0: 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℃ ~ 40℃
Storage Temperature	-40℃ ~ 60℃
Power Consumption	12W (Max)
Dimension	238mm×131.8mm×166.35mm
NetWeight	1.3kg

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
HIGH-DEFINITION MULTIMEDIA INTERFACE

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MAXHUB | sales@maxhub.com | www.maxhub.com/en/ | MAXHUB | MAXHUB | MAXHUB_Global