



RC20 HD Video Conference Camera



- 1080P**
Achieves high quality images with maximum resolution of 1920x1080 by high quality HD CMOS sensor with 2.07 million effective pixels.
- Full-featured USB interface**
Full function USB interface, support compressed and original video output, support UVC v1.1 protocol.
- Low illumination**
High SNR of CMOS sensor combined with 2D and 3D noise reduction algorithm, effectively reduce the noise, even under low illumination conditions, picture can still keep clean and clear.
- Support H.264 Slice/ H.264 SVC encoding**
Support Slice and SVC encoding by H.264 stream output, use at prestigious events.
- Remote Control**
Control the camera remotely by using RS232.
- Dual stream (optional)**
Supporting both two-way coding stream output (YUY2, MJPEG, H.264) to reduce the host coding pressure.

Video camera	
Video resolution	1080p, 720p, 540p, 480p, 360p, 240p, etc., different resolutions base on different color spaces/compression methods.
Sensor	1/2.8", CMOS, Effective Pixel: 2.07M
Scanning Mode	progressive
Lens	10x, f4.7mm ~ 46.3mm, F1.8 ~ F2.8
Minimal illumination	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White balance	Automatic, indoor, outdoor, one button, manual, specified color temperature
BLC	Support
Digital noise reduction	2D&3D digital noise reduction
Signal to noise ratio	≥55dB
Horizontal field of view	58.5° ~ 6.5°
Vertical field of view	35.1° ~ 3.6°
Horizontal rotation range	±170°
Vertical rotation range	-30° ~ +90°
Pan speed range	2.7° ~ 47°/s
Tilt speed range	3.4° ~ 30°/s
Flip horizontally and vertically	Support
Image Freeze	Support
Number of Preset	255
Preset position accuracy	0.1°

USB Features	
Support operating system	Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android
Color space/compression	YUY2 / MJPEG / H.264
Video format	H.264 AVC: Maximum 1080P@30fps H.264 SVC: Maximum 1080P@30fps MJPEG: Maximum 1080P@30fps, etc.
USB Video Communication Protocol	UVC 1.1
UVC PTZ control	Support

Input/Output Interface	
USB Interface	1xUSB2.0: Type B female jack
Communication Interface	1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P
Power Jack	JEITA type (DC IN 12V)

General specification	
Input voltage	DC 12V
Input Current	0.5A (maximum)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
stored temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	6W (maximum)
Mean time between failures	> 30000 hours
Size	141.3mm x153mm x 163.6mm
Weight	1.153Kg (2.54 lb)

