

HD Video Conference Camera

RC20



FULL HD
1080P

10X

▼ **1080P full HD**

High quality HD CMOS sensor with 2.07 million effective pixels can achieve high quality image with maximum 1920x1080 resolution.

▼ **Full-function USB interface**

USB2.0 interface, support coding output.

▼ **Low-light**

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.

▼ **H.264 Slice**

The output h.264 bit stream supports Slice and SVC encoding mode and is suitable for high-end USB conference video applications.

▼ **Remote Control**

Using RS232 interface, all the parameters of the camera can be remote controlled by the high-speed communications.

▼ **Double stream**

Support two streams output at the same time (YUY2, MJPEG, H.264), to reduce the host codec pressure.



SPECIFICATIONS

▼ CAMERA

Video System	1080P, 720P, 540P, 480P, 360P, 240P etc. according to different resolution for different color space/compression modes.
Sensor	1/2.7", 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	Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K-1, 6500K-2, 6500K-3, One Push, Manual
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB
Horizontal Angle of View	58.5° ~ 6.5°
Vertical Angle 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
H & V Flip	Support
Image Freeze	Support
Number of Preset	255
Preset Accuracy	0.1°

▼ USB FEATURES

Operate System	Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android
Color System / Compression	YUY2 / MJPEG / H.264
Video Format	H.264 AVC: max to 1080P@30fps MJPEG: max to 1080P@30fps
USB Video Communication Protocol	UVC 1.1
UVC PTZ	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
Current Consumption	0.5A (Max)
Operating Temperature	-10 ~ 40°C
Storage Temperature	-40 ~ 60°C
Power Consumption	6W (Max)
MTBF	>30000h
Size	141.3mm x153mm x 163.6mm
Net Weight	1.153Kg

