

GMEET VC CAM VX20
Ultra HD Video Conferencing Camera

GMEET VC CAM VX20 4K Ultra HD Video Conference Camera



Key Features:

- 4K HD
- 20x Optical Zoom
- Supports HDMI 2.0 specifications, and can directly output 4K uncompressed digital video.
- Support low-power sleep / wake, power consumption is less than 400mW in sleep state.
- Support local storage function, can realize local direct recording of U disk without NVR.
- 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 HDMI2.0 high-definition output, and equipped with 3G-SDI interface, the effective transmission distance is up to 150 meters (1080p30). HDMI, 3G-SDI, USB3.0, LAN can output 4 HD digital signals at the same time.
- Multiple control methods, RS232, RS485, network and USB can be used to control the camera.
- Built-in gravity sensor.

Technical Specification

Camera	
Video system	4K@60fps, 4K@50fps,4K@30fps, 4K@25fps,4K@59.94fps,4K@29.97fps, 1080P@60fps, 1080P@50fps, 1080I@60fps,1080I@50fp, 1080P@30fps,1080P@59.94fps, 1080I@59.94fps, 1080P@29.97fps, 720P@60fps,720P@59.94fps
Sensor	1/1.8", CMOS, Max Effective Pixel: 842M
Scanning Mode	Progressive
Lens	20x, f = 6.7mm ~ 125mm, F1.58 ~ F3.95
Digital Zoom	16X
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
S/N	≥55dB
Horizontal Angle	60° ~ 3.5°
Vertical Angle	35.7° ~ 2.0°
Horizontal Rotation	±170°
Vertical Rotation	-30° ~ +90°
Pan Speed Range	1.7° ~ 100°/s
Tilt Speed Range	1.7° ~ 69.9°/s
Ceiling Installation	Support
Number of Preset	255
Preset Accuracy	0.1°
IPC Video Features	
Video coding standard	H.265 / H.264 / MJPEG
Video Stream	Main stream, Sub stream
Main stream resolution	3840x2160, 1920x1080, 1280x720, 1024x576, etc.
Sub stream resolution	1920x1080, 1280x720, 720x576, 720x480, 320x240, etc.
Bit Rate	32kbps~20480kbps
Bit Rate Type	Variable rate, fixed rate
Maximum Frame	Format PAL:1-25, format NTSC:1-30

Frame Rate	50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps
Audio Compression	AAC, G711
Audio Bit Rate	48Kbps, 64Kbps, 96Kbps, 128Kbps
Support Protocol	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP,GB/T28181. Multicast, etc.
Input/output Interface	
HD Output	1xHDMI: Version 2.0
	1x3G-SDI: BNC Type, 800mVp-p, 75Ω, Along to SMPTE 424M standard
Network interface	1xRJ45: 10M/100M/1000M Ethernet Interface, Support PoE power supply
Audio interface	1-ch 3.5mm audio interface, Line In/Mic In
USB	1xUSB3.0
Communication interface	1xRS-232 IN: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P
	1xRS-232 OUT: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA network use only
	1xRS-485: 2pin Phoenix port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P
Power	(DC IN 12V)
Generic Specification	
Input Voltage	DC 12V/POE
Current consumption	1.0A (Max)
Operating Temperature	-10°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power	12W(Max)
Dimensions	169mm x 142mm x 164mm
Weight	1.35Kg



COMPLIANT

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