ONYX

4K Video Conference Camera MG200

MG200 series camera has perfect functions and superior performance, which adopts advanced ISP processing algorithms so as to provide vivid images with evenly clear brightness, strong color layering, high resolution, and fantastic color rendition. Easy and convenient to install and maintain, stable and reliable.
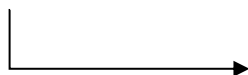

Features:

- **Superb High-definition Image:** 1/2.5 inch high quality CMOS sensor. Resolution is up to 4K with frame rate up to 30fps.
- **Wide FOV:** 83°/120° large wide angle and small distortion lens; 3x zoom lens
- **Advanced Focusing Technique:** VCM motor auto-focusing lens, advanced auto-focusing algorithm makes the camera auto focusing rapidly, accurately and stably.
- **Low Noise and High SNR:** Low Noise CMOS effectively ensure high SNR of camera video.
- **Multiple Video Output Interfaces:** Supports HDMI, USB 3.0 and LAN.
- **Multiple Audio Video Compression:** Supports H.265/H.264/MJPEG video compression; Supports AAC, MP3, PCM audio compression; Supports up to 3840x2160 resolution 30 fps compression.
- **Stereo sound:** Built-in pickup to present clear stereo sound, no external device required.
- **POE: LAN interface supports POE function**
- **Built-in Pickup: two built-in MIC pickups**
- **Multiple Installation:** Standard equipped with mold clamp. Easy to install on any devices, such as LCD screen, laptop, table and tripod.
- **Easy to Use:** No need to download driver; USB output interface; Plug and play.
- **Wide Applications:** personal video conferencing, enterprise video conferencing, collaboration meeting etc.

Order Model No.:

MG200-- **XX**

AM -- 83° VC Motor Lens
HM -- 120° Fixed Lens

Technical Specification:

Model Number	MG200-AM	MG200-HM
Camera Parameter		
Image Sensor	1/2.5 Inch High Quality 4K CMOS Sensor	
Effective Pixels	8.28MP 16:9	
View Angle	93.5° /83°/53.1°	126°（D）/120°（H）/85°（V）
Video Format	HDMI interface: 4K@30fps/25fps; 1080@P30fps/25fps; 1080I@60fps/50fps; 720P@60fps/50fps. USB interface: 3840x2160@30fps; 1920×1080P@30fps/25fps; 1280×720P@30fps/25fps and multiple formats. LAN interface: 3840x2160@30fps; 1920×1080P@30fps/25fps; 1280×720P@30fps/25fps and multiple formats.	
Minimum Illumination	0.5Lux(F1.8, AGC ON)	
Lens	3.5mm	2.72mm
Aperture	2.0+ 5%	F2.5
Digital zoom	3X	
DNR	2D & 3D DNR	
White Balance	Auto / Manual/ One Push//3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K	
Focus	Auto / Manual/ One Push（AM model support）	
Exposure	Auto / Manual	
Backlight contrast	On/off	
SNR	>55dB	

USB Feature	
Operation Systems	Windows 7, Windows8, Windows10, Mac osx, Linux,etc
Video Compression format	MJPG/H264/YUY2
USB Audio	Support
USB communication protocol	UVC, UAC
PTZ control	Support EPTZ

Input/Output interface	
Video output interfaces	1 Channel HDMI 1 Channel USB, Type A 1 Channel LAN: 10M/100M/1000M adaptive Ethernet Port, support audio output
Video Compression format	MJPG, H.264, H.265
Audio input	2*Built-in MIC pickup (MG200 support)
Network Protocol	RTSP, RTMP, ONVIF, GB/T28181
Control Port	LAN, USB interface
Control Protocol	VISCA / Pelco-D / Pelco-P
Power Supply	HEC3800 Outlet (DC12V)

Other Parameters	
Input Voltage	Power Adapter: 12V
	USB power supply: 5V
	POE power supply: 48V
Input Current	Power Adapter: 0.42A (max)
	USB power supply: 1A (max)
	POE power supply: 0.104A (max)
Power consumption	5W(Max.)
Store Temperature	-10℃～+60℃
Store Humidity	20%～95%
Working Temperature	-10℃～+50℃

www.myonyxtech.com

Working Humidity	20%～80%
Dimension（WXHXD）	222mm×93.25mm×56.5mm
Weight	Around 0.53kg
Application	Indoor
Accessory	User Manual, Warranty card, Power Supply

Dimension (unit: mm)