

# MS-HD58-10U

**M Solutions**

USB2.0 HD Video Conference Camera



## Key Features:

- **Full-featured USB interface**  
USB2.0 interface, audio, support for encoding output, support UVC v1.5 protocol.
- **1080p full HD**  
High-quality HD CMOS sensor with 2.07 effective megapixels for high-quality images up to 1920x1080.
- **Low illumination**  
The ultra-high noise-to-noise ratio of the new CMOS image sensor can effectively reduce the image noise in low light conditions, the 2D and 3D noise reduction algorithms can greatly reduce the image noise, even in the case of ultra-low illumination, keeps the picture clean and clear. The image signal to noise ratio is as high as 55dB.
- **Control**  
The camera can be controlled using RS-232.
- **H.264 Slice / H.264 SVC encoding support**  
The output H.264 stream supports Slice and SVC encoding modes for high-end USB conferencing video applications.
- **Double stream**  
At the same time support two streams of stream output (YUY2, MJPEG, H.264), to reduce the host codec pressure.

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## Technical Specifications:

<b>Video System</b>	1080P, 720P, 540P, 480P, 360P, 240P etc.
<b>Sensor</b>	1/2.7", CMOS, Effective Pixel: 2.07M
<b>Scanning Mode</b>	Progressive
<b>Lens</b>	10x, f5.13mm ~ 46.3mm, F1.8 ~ F2.8
<b>Optical Zoom</b>	10x
<b>Minimal Illumination</b>	0.5 Lux @ (F1.8, AGC ON)
<b>Shutter</b>	1/30s ~ 1/10000s
<b>White Balance</b>	Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push, Manual
<b>Backlight Compensation</b>	Support
<b>Digital Noise Reduction</b>	2D&3D Digital Noise Reduction
<b>Video S/N</b>	≥55dB
<b>Horizontal Angle of View</b>	53.6° ~ 6.41°
<b>Verticle Angle of View</b>	31.7° ~ 3.61°
<b>Horizontal Rotation Range</b>	±170°
<b>Pan Speed Range</b>	2.7° ~ 35.7°/s
<b>Tilt Speed Range</b>	2.7° ~ 31.5°/s
<b>H &amp; V Flip</b>	Support
<b>Image Freeze</b>	Support
<b>Number of Preset</b>	225
<b>Preset Accuracy</b>	0.1°
<b>Input Voltage</b>	DC 12V
<b>Current Consumption</b>	1.0A (Max)
<b>Operating Temperature</b>	-10°C ~ 40°C (14°F ~ 104°F)
<b>Storage Temperature</b>	-40°C ~ 60°C (-40°F ~ 140°F)
<b>Power Consumption</b>	12W (Max)
<b>MTBF</b>	>30000h
<b>Size</b>	141.3mm x 153mm x 163.6mm
<b>Net Weight</b>	1.153 KG