

# MT Hood

## AP-1080P-PTZ-20x (NDI)

Professional Grade Meeting Room Camera



### Key Features

- Compatible with most leading video conferencing software
- 20x Optical Zoom + 2x Digital Zoom with 61 degree FOV
- Supports USB, IP, HDMI, SDI and NDI (HX2) output
- Supports USB 3.0 output
- Full HD video over IP supports H.264, H.265 decoding
- Supports POE
- Standard IP VISCA, Serial VISCA, Pelco-P/D control protocol
- IP VISCA over TCP/IP

### Related Products

**MS-WL**  
Meeting Share Wireless Node

**MS-W**  
Meeting Share Wired Node

### Specifications

Model	AP-1080P-PTZ-20x
Sensor	1/2.8 inch, 5 mega pixel high quality CMOS
HDMI	1920x1080P60/50/30/25; 1280x720P60/50/30/25; 1920x1080i60/50
SDI	1080P60/59.94/50/30/29.97/25, 720P60/59.94/50/30/29.97/25, 1080i60/59.94/50
IP	Main Stream 1920x1080@30-1; 1280x720p30-1; Sub stream: 1280x720p-30-1; 1024x576@30-1; 640x360@30-1
USB 3.0	1920x1080P60/50/30/25; 1280x720P60/50/30/25; 1024x576P30
USB 2.0	1024x576P30, 960x540P30, 640x360P30, 512x288P30, 352x288P30

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### Specifications - Continue

<b>Zoom</b>	20x optical zoom & 2x digital zoom
<b>FOV</b>	61 degrees (diagonal)
<b>Focal Length</b>	F = 5.2 (near) 98 mm(far)
<b>Presets</b>	10 via remote controller; 128 via serial port; preset precision: 0.1 degree
<b>Noise Reduction</b>	2D & 3D
<b>SNR</b>	> 50db
<b>Minimum Lux</b>	0.01 lux
<b>White Balance</b>	Auto / Manual/Auto Tracking/One-Push/Indoor/Outdoor
<b>Anti Flicker</b>	50H/60Hz/OFF
<b>D/N Mode</b>	Supported
<b>Gamma</b>	Supported
<b>Mirror Image</b>	0.01 lux
<b>Iris</b>	Auto/Manual
<b>Electric Shutter</b>	Auto/Manual
<b>BLC</b>	Auto/Manual
<b>Focus</b>	Auto/Manual
<b>Rotation Angle</b>	Pan: 170 ~ +170 degrees; Tilt: -30 ~+90 degrees
<b>Rotation Speed</b>	Pan: 0 ~ 120 degrees/second; Tilt: 0 ~ 80 degrees/second
<b>Pan-Tilt Flip</b>	Supported
<b>Control Ports</b>	RS232 / RS485 / RJ45 / USB 3.0
<b>Video Port</b>	HDMI / RJ45 / SDI / USB 3.0 / USB 2.0
<b>Network Speed</b>	1 Gigabit
<b>Video encoding</b>	H.264 / H.265 and NDI HX2
<b>Bit Rate Control</b>	Variable Bit Rate, Constant Bit Rate
<b>Video Bit Rate</b>	1024 Kbps ~ 10240 Kbps
<b>Frames</b>	50Hz: 1fps ~ 30fps, 60Hz: 1 fps ~ 30fps
<b>IP Protocol</b>	TCP/IP, HTTP, RTSP, ONVIF, DHCP, VISCA over IP (TCP&UDP)
<b>POE</b>	Supported
<b>Input Voltage</b>	DC 12V, 1A
<b>Weight</b>	1.25 kg
<b>Dimension</b>	220 x 173 x 190 mm