



## TEVO-UHD20N

The TEVO-UHD20N is a multiple outputs one, 20X optical zoom lens that helps people get more clear images of the meeting participants. With 58.6 degree wide view angle, every corner can be seen in the meeting rooms.

It is equipped with 1/2.8" CMOS sensor with 2.38 mega pixel (16:9) and Full HD 1080p video output resolution and dynamic images at 30fps.

Supports USB, HDMI, 3G-SDI, and IP streaming video outputs and multiple network protocols allow this camera to easily live streaming via your favorite platforms, such as YouTube, Facebook, Twitch, etc.

## HIGHLIGHTS >>>

- 1/2.8 inch, 2.38M pixels HD CMOS sensor, Full HD 1920 x 1080P;
- Multiple video outputs bridge to your favorite streaming platforms;
- Up to 255 preset positions;
- H.264 encoding, more smooth and clearer video motion;
- Compatible with most Cloud conferencing software.

### 1/2.8 Inch, 2.38M Pixels HD CMOS Sensor Full HD 1920 x 1080P >



The high resolution 1080P, outstanding color reproduction and 20X zoom deliver premium optics and life-like video to create the experience of sitting together in the same room, even if you are thousands of miles away. UHD20N is obviously a smart choice.

## Accurate, Smooth And Silient Pan Tilt Movement >



### Horizontal rotation

- Left 175°
- Right 175°

### Vertical rotation

- Up 90°
- Down 90°

The Pan Movement angle can reach to 350 degree. And the Tilt movement angle can reach to 90 degree(up), 90 degree (down), through this, people can see everywhere clearly.

## H.264 Encoding, More Smooth And Clear Video Motion Multiple Installations >



IP live streaming supports H.264 video compression, which makes motion video more fluent and clear under low bandwidth conditions.



Enables you intall the camera for Desktop installation, Tripod Installation, L-TYPE Bracket etc.

## Multiple Video Output Bridges To Your Favorite Streaming Platforms >



Supports USB, HDMI, 3G-SDI, and IP streaming video output and multiple network protocol allow this camera to easlily live streaming to your favorite platforms, such as YouTube, Fackbook, Twitch, etc.

## Compatible With Most Cloud Conferencing Software >



Compatible with various telecommunication platforms including WebEx, Lync, Skype for Business, BlueJeans, Zoom, and Jabber for easy integration into your existing videoconferencing infrastructure.

## TEVO-UHD20N >>>



Adopting step driving motor mechanism and motor drive controller with high precision is to ensure PTZ works smoothly with low speed and without noise. It can support Tilt  $\pm 90^\circ$  , Pan  $\pm 175^\circ$  , HFOV  $58.6^\circ$  , Up to 255 presets. Make sure everyone in your meeting gets the attention they deserve. HFOV  $55.4^\circ$  aligned with wide-angle pan and tilt control ensures full-room visibility. You can choose from 255 presets to help you jump between whiteboards and speakers instantly.

# SPECIFICATION >>>

## Camera

Video System	1080P@30fps, 1080P@25fps, 1080I@60fps, 1080I@50fps, 720P@30fps, 720P@25fps
Sensor	1/2.8 inch CMOS
Max Effective Pixel	2.38M
Optical Zoom	20x, f= 5.5mm ~110mm, F1.6 ~ F3.5
Digital Zoom	18x
Minimum Illumination	0.1 Lux
Shutter	1/30s~1/10000s, Auto
White Balance	Auto, Indoor, Outdoor
Baud Rate	38400/9600bps
Backlight Compensation	Supported
Signal Noise Ratio	≥50dB
Horizontal Angle of View	58.6°(W)-3.6°(T)
Vertical Angle of View	54.7°(W)-3.3°(T)
Diagonal Angle of View	60.2°(W)-3.7°(T)
Horizontal Rotation Range	± 175°
Vertical Rotation Range	± 90°
Pan Speed Range	0.1°/s~100°s
Tilt Speed Range	0.1°/s~80°s
Number of Preset	255 presets via RS232 (IR remote 10 presets)
Preset Accuracy	0.1°

## Input & Output

Network Interface	1×RJ45: 10/100Mbps Adaptive Ethernet Port
Communication Interface	1×RS232 IN: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA / Pelco-D / Pelco-P 1×RS485: 3pin phoenix port, Max Distance: 1200m, Protocol: VISCA / Pelco-D / Pelco-P
Audio Interface	1×Line In: 3.5mm Audio Interface
HDMI Interface	1×HDMI: Version 2.0
3G-SDI Interface	1×3G-SDI: BNC type, 800mVp-p, 75Ω.A long to SMPTE 424M standard
USB Interface	1×USB3.0: Up to 1080P@30fps compressed video and 1080P original video can be output

## Warranty

Camera	3 Years	Accessories	1 Year
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## USB

USB	USB2.0 (MJPEG 1080P, YUY2 720P)
Video Communication Protocol	UVC1.1
UVC PTZ	Supported
Video Format	YUY2 / H.264 / MJPEG
Operate System	Windows 7, Windows 8, Windows 10, MacOS X, Linux

## Power & Physical

Input Voltage	DC 12V@2A
Current Consumption	1.0A (Max)
Operating Temperature	-10°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	12W (Max)
Product Dimension	212*160*172mm
Net Weight	1.25kg
Package Dimension	260*217*197mm
Gross Weight	2.05kg
Packing	4PCS / CTN

## Network

Video Compression	H.264 / MJPEG
Video Stream	First Stream, Second Stream
First Stream Resolution	1920x1080, 1280x720, 1024x576, 960x540, 640x480, 640x360
Second Stream Resolution	1280x720, 1024x576, 720x576(50Hz supported), 720x480 (60Hz supported), 720x408, 640x360, 480x270, 320x240, 320x180
Protocols	TCP / IP, HTTP, RTSP, RTMP, RTMPS

## Package Contents

PTZ Camera x 1 Unit	Power Adaptor x 1 Unit
Remote Controller x 1 Unit	USB Cable x 1 Unit
Wall-mount bracket x 1 Unit	Mounting Screw Set x 1 Unit
Manual x 1 Unit	

## Product Display



## Package Display

