

# PTZ HDMI/SDI Camera

## Technical Specification



<b>Model</b>	<b>Zowietek 90481-980S 20X</b>
<b>Camera Parameter</b>	
Sensor	1/2.8 inch high quality HD CMOS sensor
Effective Pixels	16: 9 2.07 megapixel
Video Format	1080P60/50/30/25/59.94/29.97;1080I60/50/59.94;720P60/50/30/25/59.94/29.97
Optical Zoom	20X f=5.2~98mm
View Angle	3.2° (tele) 55.8° (wide)
AV	F1.5 – F3.0
Digital Zoom	10X
Minimum Illumination	0.5Lux (F1.8, AGC ON)
DNR	2D & 3D DNR
White Balance	Auto / Manual/ One Push/ 3000K/ 4000K/5000K/6500K
Focus	Auto/Manual
Aperture	Auto/Manual
Electronic Shutter	Auto/Manual
BLC	ON/OFF
WDR	OFF/ Dynamic level adjustment
Video adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve
SNR	>55dB

<b>Input/Output Interface</b>	
Video Interfaces	HDMI, 3G-SDI, LAN
Image code stream	Double streams outputs simultaneously
Video Codec	H.264, H.265
Control Signal Interface	RS-232 Ring through RS232 output, RS-485
Control Protocol	VISCA/Pelco-D/Pelco-P; Baud Rate: 115200/9600/4800/2400bps

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Audio input Interface	Double track 3.5mm linear input;
Audio Codec	AAC/MP3/PMC Audio compression
HD IP Interface	100M IP port(100BASE-TX); 5G WiFi (optional), support IP Visca control protocol
Network Protocol	RTSP/RTMP,ONVIF
Power Interface	HEC3800 outlet (DC12V)

PTZ Parameter	
Pan Rotation	±170°
Tilt Rotation	-30°~+90°
Pan Control Speed	0.1 -180°/sec
Tilt Control Speed	0.1-80°/sec
Preset Speed	Pan: 60°/sec, Tilt: 30°/sec
Preset Number	255 presets (10 presets by remote controller)
Other Parameter	
Supply Adapter	AC110V-AC220V to DC12V/2A
Input Voltage	DC12V±10%
Input Current	1A(Max)
Consumption	12W (Max)
Store Temperature	-10°C to +60°C (14°F to +140°F)
Store Humidity	20% - 95%
Working Temperature	-10°C to +50°C (14°F to +122°F)
Working Humidity	20%-80%
Dimension	150mmX150mmX167.5mm(5.9''X 5.9''X 6.5'')
Weight	1.4kg,(3lb 48oz)
Working Environment	Indoor

Remote Operation (IP)	Remote Upgrade, Reboot and Reset
Accessory	Power Supply, RS232 Control Cable,USB3.0 Cable ( U3 Model ) ,USB2.0 Cable ( U2 Model), Remoter, Manual, Warranty card
Optional Accessory	Bracket