



HD PTZ Desktop Camera



Camera Parameter				
Model:	UV510A-05	UV510A-10	UV510A-12	UV510A-20
Optical Zoom:	5X, f=3.1 ~ 15.5mm	10X, f=4.7 ~ 47mm	12X, f=3.9 ~ 46.8mm	20X, f=5.2 ~ 98mm
View Angle:	20°(tele)~83.7°(wide)	6.43°(tele)~60.9°(wide)	6.3°(tele)~72.5°(wide)	3.3°(tele)~54.7°(wide)
Iris:	F1.8 – F2.8	F1.6 – F3.0	F1.8 – F2.4	F1.6 – F3.5

Sensor:	1/2.8 inch high quality HD CMOS sensor	Video Format:	HDMI/SDI/HDBaseT video format:
Effective Pixels:	2.07MP, 16: 9		1080P60/50/30/25/59.94/29.97, 1080i60/50/59.94,
Digital Zoom:	10X		720P60/50/30/25/59.94/29.97
Minimum Illumination:	0.5Lux (F1.8, AGC ON)		USB3.0 interface video format:
DNR:	2D & 3D DNR		1) USB3.0: 1920X1080P60/50/30/25, 1280X720P30/25/15/10,
White Balance:	Auto / Manual/ One Push/ 3000K/ 3500K/4000K/4500K/5000K/ 5500K/6000K/6500K/7000K		960X540P30, 640X360P30, 800X600P30,
Iris/Electronic Shutter:	Auto/Manual		2) USB3.0 compatible with USB2.0: 960X540P30,
Focus:	Auto/Manual/One Push		640X360P30, 1280X720P10/15, 720X576P30,
BLC:	ON/OFF		720X480P30, 800X600P30
WDR:	OFF/ Dynamic level adjustment		USB2.0 interface video format: 176x144/320x240/320x180/
Video Adjustment:	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve		352x288/640x480/720x480/720x576/640x360/800X600/
SNR:	>55dB		960X540/1024X576/1024X768/1280X720/ 1920X1080P30/25/20/15/10/5

Input /Output Interface	
Video Interfaces:	UV510A-05/10/12/20-ST Model: HDMI, 3G -SDI, LAN, RS232(Ring through RS232 output), RS485, A-IN UV510A-05/10/12/20-U2 Model: USB2.0, LAN, RS232(Ring through RS232 output), A-IN UV510A-05/10/12/20-U3 Model: USB3.0, LAN, RS232(Ring through RS232 output), A-IN UV510A-05/10/12/20-HD Model: HDBaseT, LAN, A-IN UV510A-05/10/12/20-HM Model: HDMI, LAN, RS232(input)
Video Compression Format:	H.264, H.265, Dual stream output
Control Protocol:	VISCA/Pelco-D/Pelco-P, Baud Rate:115200/9600/4800/2400
Audio Input Interface:	Double track 3.5mm linear input
Audio Compression Format:	AAC/MP3 Audio compression/G.711A
LAN Port:	100M IP port(100BASE-TX), Support VISCA protocol control through IP port.
Network Protocol:	RTSP, RTMP, ONVIF, GB/T28181
Power Interface:	HEC3800 outlet (DC12V)

PTZ Parameter & Other Parameter	Order No.
Pan/Tilt Rotation: ±170°, -30°~+90°	UV510A X - XXX - XXX - XX S---S00P60 downward compatible (S10HAI3 matrix supported) M---1080P30 downward compatible 05---5X optical zoom lens 10---10X optical zoom lens 12---12X optical zoom lens 20---20X optical zoom lens IR---IR remote controller WR---Wireless remote control ST---Standard interface (59.94 frame rate) U2---USB2.0 interface U3---USB3.0 interface HD---HDBaseT interface HM---HDMI interface
Pan Control Speed: 0.1 ~ 60°/sec	
Tilt Control Speed: 0.1~30°/sec	
Preset Speed: Pan: 60°/sec, Tilt: 30°/sec	
Preset Number: 255 presets (10 presets by remote controller)	
Power Adapter: AC110V-AC220V to DC12V/1.5A	
Dimension: 150mmX150mmX167.5mm	
Weight: 1.4KG	
Remote Operation (IP): Remote Upgrade, Reboot and Reset	