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UV1201
Full HD Box Camera

FULL HD, LARGE ZOOM RANGE, MULTIPLE VIDEO INTERFACES
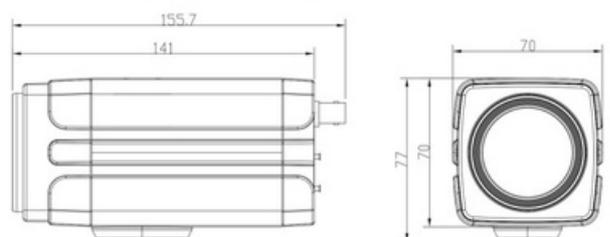
FULL
HD-CAMERA

20X ZOOM
2.0 MEGA PIXEL

UV1201

KEY FEATURES

● **SUPERB HIGH-DEFINITION IMAGE:** UV1201 EMPLOYS 1/2.8 INCH HIGH QUALITY CMOS SENSOR. RESOLUTION IS UP TO 1920X1080 WITH FRAME RATE UP TO 60FPS.

● **TRINITY IMAGE AUTO-FOCUSING TECHNOLOGY:** FOCUS ON INTELLIGENT IMAGE PROCESSING, TO PROVIDE AUTOMATIC WHITE BALANCE (AWB), AUTOMATIC EXPOSURE (AE), AUTOMATIC FOCUSING (AF) FUNCTION, FULLY AUTOMATICALLY ADAPT TO THE ENVIRONMENT, TO ACHIEVE THE BEST IMAGE EFFECT, PERFECT TRINITY IMAGE AUTOMATIC ADJUSTMENT.

● **LOW NOISE AND HIGH SNR:** LOW NOISE CMOS EFFECTIVELY ENSURE HIGH SNR OF CAMERA VIDEO. ADVANCED 2D/3D NOISE REDUCTION TECHNOLOGY IS ALSO USED TO FURTHER REDUCE THE NOISE, WHILE ENSURING IMAGE SHARPNESS.

● **MULTI-FORMAT VIDEO OUTPUTS :** MULTIPLE INTERFACES INCLUDE: HDMI, 3G-SDI AND LAN. THE 3G-SDI IS AVAILABLE FOR 100M TRANSMISSION AT 1080P60 FORMAT.

● **MULTIPLE VIDEO COMPRESSION:**SUPPORT H.264/H.265 VIDEO COMPRESSION; SUPPORT COMPRESSION OF RESOLUTION UP TO 1920X1080 WITH FRAME UP TO 60FPS.

● **MULTIPLE AUDIO COMPRESSION STANDARDS:**TSUPPORT AAC, MP3, G.711A AUDIO COMPRESSION.

● **AUDIO INPUT INTERFACE:** SUPPORT 8000, 16000, 32000, 44100, 48000 SAMPLING FREQUENCY, SUPPORT AAC, MP3, G.711A AUDIO CODING.

● **MULTIPLE NETWORK PROTOCOL:** SUPPORT ONVIF, RTSP, RTMP, GB/T28181 PROTOCOLS AND SUPPORT RTMP PUSH MODE, EASY TO LINK STREAMING MEDIA SERVER (WOWZA,FMS); RTP MULTICAST MODE AND NETWORK FULL COMMAND VISCA CONTROL PROTOCOL.

● **SUPPORT MULTIPLE CONTROL PROTOCOL:** SUPPORT VISCA,PELCO-D,PELCO-P PROTOCOLS WHICH CAN ALSO BE AUTOMATICALLY RECOGNIZED. SUPPORT VISCA PROTOCOL CONTROL THROUGH IP PORT.

● **WIDE APPLICATION :** TELE-EDUCATION, LECTURE CAPTURE, WEBCASTING, VIDEOCONFERENCING, TELE-TRAINING, TELE-MEDICINE, INTERROGATION AND EMERGENCY COMMAND SYSTEMS.

DIMENSION (UNIT: MM)

155.7
141
70
77
70

TECHNICAL SPECIFICATIONS

PARAMETER/MODEL	UV1201-S20	UV1201-S20-A-IN
CAMERA PARAMETER		
OPTICAL ZOOM	20X OPTICAL ZOOM, F=5.2～98MM	20X OPTICAL ZOOM, F=5.2～98MM
VIEW ANGLE	3.2°（TELE）--50.8°（WIDE）	3.2°（TELE）--50.8°（WIDE）
APERTURE	F1.5 ～ F3.0	F1.6 ～ F3.5
SENSOR	1/2.8 INCH HIGH QUALITY HD CMOS SENSOR	
EFFECTIVE PIXELS	16：9, 2.07 MEGAPIXEL	
DIGITAL ZOOM	10X	
VIDEO FORMAT	1080P60/50/30/25/59.94/29.97, 1080I60/50/59.94, 720P60/50/30/25 /59.94/29.97	
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	
INPUT/OUTPUT INTERFACE		
VIDEO INTERFACES	UV1201 MODEL：HDMI, SDI,LAN,RS485 UV1201A MODEL: SDI,LAN,A-IN,RS485	
IMAGE CODE STREAM	DUAL STREAM OUTPUT	
VIDEO COMPRESSION FORMAT	H.264, H.265	
CONTROL PROTOCOL	PROTOCOL:VISCA/PELCO-D/PELCO-P; BAUD RATE: 115200/9600/4800/2400BPS	
HD IP INTERFACE	100M IP PORT (10/100BASE-TX),SUPPORT VISCA PROTOCOL CONTROL THROUGH IP PORT.	
NETWORK PROTOCOL	RTSP/RTMP, ONVIF	
POWER INTERFACE	5.0 CARD LINE SOCKET (DC12V)	
OTHER PARAMETER		
POWER ADAPTOR	AC110V-AC220V TO DC12V/1A	
INPUT VOLTAGE	DC12V±10%	
INPUT CURRENT	400mA（Max）	
CONSUMPTION	4.8W（MAX）	
STORE TEMPERATURE	-10℃～+60℃	
STORE HUMIDITY	20%～95%	
WORKING TEMPERATURE	-10℃～+50℃	
WORKING HUMIDITY	20%～80%	
DIMENSION	155.7MM×70MM×70MM	
WEIGHT	0.7KG	
APPLICATION	INDOOR	
REMOTE OPERATION (IP)	REMOTE UPGRADE, REBOOT AND RESET	
ACCESSORY	POWER SUPPLY,USER MANUAL, BRACKETS(OPTIONAL)	

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