UV570

79068-A20_G2 Data Sheet

TEKVOX's UV570 is a professional-grade PTZ auto-tracking camera. With 20x optical zoom and support for full HD (1080p @ 60Hz) resolution, the UV570 delivers stunning video quality in any space. Advanced AI-driven auto-tracking keeps presenters in view at all times, without requiring any on-site configuration. The UV570 features simultaneous HDMI, USB 3.0, SDI, and LAN video outputs, guaranteeing seamless compatibility with any system. The UV570 also includes a gravity sensor to automatically re-orient the image when mounted upside-down for fast, easy installations. The camera is controllable via RS232, RS422, RS485, VISCA, PELCO-D, PELCO-P, or IR remote.

With exceptional auto-tracking performance, vivid image quality, extremely quiet and smooth PTZ movement, and effortless installation, the UV570 is the perfect option for demanding HyFlex, streaming, and conferencing applications.

Features:
- Simultaneous HDMI, SDI, USB, and LAN video outputs
- Supports full HD resolution with up to 60Hz framerates
- 20x optical zoom for exceptional, lossless zoom, even in large spaces
- Advanced, AI-driven auto-tracking and auto-focus algorithms
- Outstandingly quiet and smooth PTZ movement with wide range of motion
- Controllable via RS232, RS422, RS485, VISCA, PELCO-D, PELCO-P, and IR remote
- Supports power via PoE network connection
- Shipped fully functional, pre-programmed, and rigorously tested

Focus	5.2 ~ 98mm
Field of View (FOV)	3.2° (N) 56° (W)
Aperture Value (AV)	F1.5 ~ F3.0
Effective Pixels	2.07M, 1/2.8 in high-quality CMOS sensor
Video Format	**HDMI/SDI**: 1080p @ 60 / 59.94 / 50 / 30 / 29.97 / 25 Hz; 720p @ 60 / 59.94 / 50 Hz **USB 3.0 (Main Stream)**: **YUY2 / NV12**: 1920x1080 / 1280x720 / 1024x576 / 800x600 / 800x448 / 640x360 / 640x480 / 480x270 / 320x180 @ 30 / 25 / 20 / 15 / 10 / 5 Hz **MJPG/H264**: 1920x1080 / 1600x896 / 1280x720 / 1024x576 / 960x540 / 800x600 / 800x448 / 720x576 / 720x480 / 640x360 / 640x480 / 480x270 / 352x288 / 320x240 @ 30 / 25 / 20 / 15 / 10 / 5 Hz **Sub-Stream:** **YUY2 / NV12**: 1920x1080 / 1280x720 / 1024x576 / 800x600 / 800x448 / 640x360 / 640x480 / 480x270 / 320x180 @ 30 / 25 / 20 / 15 / 10 / 5 Hz **MJPG / H264**: 1920x1080 / 1600x896 / 1280x720 / 1024x576 / 960x540 / 800x600 / 800x448 / 720x576 / 720x480 / 640x360 / 640x480 / 480x270 / 352x288 / 320x240 @ 30 / 25 / 20 / 15 / 10 / 5 Hz
Range of Motion	**Pan**: -170 ~ 170° **Tilt**: -30 ~ 90°
Movement Speed	**Pan**: 0.1°/s ~ 100°/s **Tilt**: 0.1°/s ~ 45°/s
Minimum Illumination	0.5 Lux (F1.8, AGC ON)
I/O	1x HDMI Out (19-pin, Female) 1x USB Out (USB 3.0, Type-B, Female, compatible with USB 2.0) 1x SDI Out (BNC, Female) 1x Audio In (3.5mm, Female)
Control Ports	1x LAN (10M/100M/1000M, RJ45, Female) 1x RS232 In (8-pin mini-DIN, Female) 1x RS232 Out (8-pin mini-DIN, Female) 1x RS422/RS485 (4-pin Phoenix)
Serial Communication Protocol	VISCA / PELCO-D / PELCO-P (Baud rate 115200 / 38400 / 9600 / 4800 / 2400)
USB Communication Protocol	UVC Video Communication Protocol), UAC (Audio Communication Protocol)
Working Temperature	14 ~ 122°F (-10 ~ 50°C)
Humidity	20 ~ 80%
Power Supply	**Input**: 110~220VAC **Output**: DC 12V, 2.5A
Power Consumption	12W (max)
Product Dimensions	7.13" (181mm) x 4.53" (115mm) x 5.87" (149mm)
Product Weight	2.54 lbs. (1.15kg)

Specifications are subject to change without notice