

TEKVOX now offers an auto-tracking camera made for education. The TEK UV100T-20-ST auto-tracking camera is a state-of-the-art high definition 1080P/60 PTZ camera with 20X optical zoom lens and has two SDI outputs with IP streaming. By using a supplied configuration program, a Teacher's tracking mask can be created and saved into the camera. The camera will only track while the teacher is in this area. If tracking is lost, a preset can be setup for the camera to go to. With auto-tracking the TEK UV100T can be used to follow a person without an operator. At any point auto-tracking can be turned off and the camera works like a standard PTZ conference camera.



The TEK UV100T supports both Sony® VISCA™ and PELCO commands with 120 presets, making this camera an excellent choice for large videoconferencing and lecture capture rooms. The camera can be setup for multiple resolutions and be ceiling mounted. Use both Sony® VISCA™ and PELCO D/P Command sets to control the camera via joystick controller and room controller at the same time. For IP control the camera can use simple TC/IP VISCA commands and provide multicast streaming to a touch panel.

### Benefits

- Low cost
- Hands free Operation
- Control operation using control system, Joystick controller and IP all at the same time
- Easy integration with lecture capture and videoconferencing equipment



### Features

- Two camera elements (Fixed Panoramic and PTZ)
- Two 3G-SDI outputs
- Sony VISCA and PELCO D/P protocol
- Sony VISCA TCP/IP control
- 120 Programmable presets
- Video CMOS Sensor: 1/2.8 inch HD CMOS
- Image: 16:9 2.1 Mega pixel
- Resolution: 1080P 25/30/50/59.94/60, 1080I 50/59.94/60, 720P 29.97/25/30/50/59.94/60
- Lens zoom: 20x optical zoom
- Minimum Illumination: .5 LUX
- Base width 10.0" Height 6.9"
- RS-232, RS-485 and IP control
- IP Steaming
- Advanced Menu functions
- Advanced tracking algorithm
- Anti-interference ability



# Device Specifications

Model		TEK 510A-20-ST (79068-HDMI)	
Tracking Camera			Panoramic Camera
Image Sensor	CCD	1/2.8 Progressive CMOS, 2.07Megapixel	1/2.8 Progressive CMOS, 2.07Megapixel
	Minimum Scene Illumination	0.5 Lux at F1.6	0.5 Lux at F1.6
	White Balance	Auto/Manual	Auto/Manual
	Gain Control	Auto/Manual	Manual
	Back-light compensation	On/Off	
	Electronic shutter	1/1 - 1/10,000S	1/1 - 1/10,000S
	S/N Ratio	>55dB	>55dB
Lens	Focus	f=4.7-94mm / F1.6-3.5	
	Iris	Auto/Manual	Auto
	Zoom	20 Optical Zoom, 10x Digital Zoom	
	Horizontal view angle	3.3°(T) ~ 54.7°(W)	122° / 98° / 73°
Video Output		3G-SDI	3G-SDI
Video Format		1080P 25/30/50/59.94/60, 1080I 50/59.94/60, 720P 29.97/25/30/50/59.94/60	
Communication		RS-232C, RS-485, TCP/IP	
Protocol		PELCO D/P, VISCA, VISCA IP (Port 1259)	
Baud Rate		2400, 4800, 9600, 115,200 bps (9600 Default)	
LAN Port		100MB Supports VISCA protocol	
Video Compression		H.264, H.265 - Dual Stream	
Network Protocol		RTSP, RTMP, ONVIF, GB/T28181	
Audio Input		3.5 stereo Jack – Analog	
Audio Compression		AAC/MP3	
Presets		120 presets	
OSD Menu		Supported	
Auto Rev		P/N/OFF (Support auto reverse)	
Pan Speed		1-60°/Second	
Tilt Speed		1-60°/Second	
Pan Rotation Angle		0-355°	
Tilt Rotation Angle		Up: 90°, Down: 45°	
Auto Pan Scan		Supported	
Boundary Scan		0-355°(Programmable)	
Remote Control		IR wireless control P/T/Z	
Power Supply		DC 12V+-10% : 1.5A	
Temperature and humidity		0-60 °C(Temperature) · 0-95% RH	
Size		LWH 5.9x5.9x6.6 inches	
Weight		3.08 lbs.	

\*Specifications are subject to change without notice.