Auto PTZ Camera

79068-AUTO Data Sheet

The 79068-AUTO auto-tracking camera is a state-of-the-art high definition 1080P/60 PTZ camera made for education. The camera features a 20X optical zoom lens, as well as a fixed panoramic 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 camera 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 camera also supports both Sony® VISCA™ and PELCO commands with 120 presets, making this camera an excellent choice for large videoconferencing and lecture capture rooms.

Features:

- Auto-tracking PTZ camera w/ 20x optical zoom, and fixed panoramic camera
- Custom programmable tracking mask for specification of tracking boundaries
- Up to 120 preset positions for versatile, fully-customizable operation
- Full 1080p resolution for crisp, HD image quality, lower resolutions for back-compatibility
- Controllable via RS-232/RS-485 commands, IR remote, TCP/IP protocols, or 79068-Kybd
- Shipped fully functional, pre-programmed, and rigorously tested

		Tracking Camera	Panoramic Camera
I/O	**Inputs**	1 Stereo Audio, Unbalanced (3.5mm mini jack)	
	Outputs	1 3G-SDI Outputs	1 3G-SDI Outputs
	Control Ports	1 100MB LAN (RJ45, Female) 1 RS-232/RS-485 (Mini-DIN, Female)	1 100MB LAN (RJ45, Female)
Image Sensor	**Charge-Coupled Device (CCD)**	1/2.8 Progressive CMOS, 2.07 Megapixel	
	Minimum Scene Illumination	0.5 Lux at F1.6	
	White Balance	Auto/Manual	
	Gain Control	Auto/Manual	Manual
	Backlight Compensation (BLC)	On/Off	
	Electronic Shutter	1/1 ~ 1/10, 000S	
	Signal-to-Noise Ratio (SNR)	>55dB	
Lens	**Focus**	F=4.7~94mm / F1.6~3.5	
	Iris	Auto/Manual	Auto
	Zoom	20x Optical Zoom, 10x Digital Zoom	
	Horizontal View Angle	3.3°(tele) ~ 54.7°(wide)	122° / 98° / 73°
Video Format		1080p @ 60/59.94/50/30/25Hz 1080i @ 60/59.94/50Hz 720p @ 60/59.94/50/30/25/29.97	
Communication		RS-232, RS-485, TCP/IP	
Baud Rate		2400, 4800, 9600 (default), 115200 bps	
Video Compression		H.264, H.265 – Dual Stream	
Network Protocol		RTSP, RTMP, ONVIF, GB/T28181	
Audio Compression		AAC/MP3	
Presets		120 possible	
OSD Menu		Supported	
Auto Reverse		P/N/OFF (Supports 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 remote (P/T/Z)	
Power Supply		Input: 100 ~ 240V AC Output: DC 12V, 1.5A	
Temperature		(0 ~ 60°C)	
Humidity		0 ~ 95%	
Product Dimensions		10" (254mm) x 5.9" (150mm) x 6.6" (168mm)	
Product Weight		3.08 lbs. (1.4kg)	

Specifications are subject to change without notice