PTZ Auto-Tracking Cam
79068-Auto20 Data Sheet

TEKVOX's 79068-Auto20 is an advanced PTZ auto-tracking camera. The camera features 20x optical zoom and support for 1920x1080@60Hz resolutions, guaranteeing consistent HD image quality in rooms of any size. The camera's sophisticated facial recognition and ISP algorithms deliver accurate tracking of a speaker as they move. Incredibly smooth and silent PTZ movement and ultra-wide range of motion keep speakers in-frame no matter how far they move. Finally, the 79068-Auto20 includes 64 programmable presets, control via RS232, IR, or TCP/IP, and simultaneous HDMI, USB 3.0, IP, and 3G-SDI video outputs.

With exceptional PTZ movement, cutting-edge auto-tracking, full HD video, and 20x optical zoom to accommodate any room size, the 79068-Auto20 is an unrivalled option for capturing high quality video of dynamic speakers in any industry.

Features:
- Advanced ISP algorithm and face detection for unrivalled auto-tracking
- Exceptional image quality in any space with 20x optical zoom and 1080p@60Hz resolution
- Unbelievably smooth and quiet PTZ movement
- Up to 65 programmable preset positions for near-limitless customization
- Simultaneous HDMI, USB 3.0, IP, and 3G-SDI video outputs offer universal compatibility

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79068-Auto20 Technical Specifications

Camera	
Image Sensor	1/2.8" CMOS 2.14MP
Minimum Illumination	0.5 Lux @ F1.6
White Balance	Auto, Indoor, Outdoor, One-Push, Manual, Auto-Tracking
Lens	20x zoom (optical)
Focus	Manual, Auto, PTZ Trigger, One-Push Trigger
Focal Length	4.7 ~ 94.0mm (20x)
Aperture	F1.6 ~ F3.5
Field of View (FOV)	59.5° (wide) ~ 2.9° (tele)
Video Compression	H.264, H.265
Video Output	HDMI, USB 3.0, IP (RJ45), 3G-SDI
Output Resolution	Up to 1920x1080 @ 60Hz
Image Auto Adjustment	Backlight Compensation (BLC) Wide Dynamic Range (WDR) 2D & 3D Noise Reduction (NR)
Signal-to-Noise Ratio (SNR)	≥55dB
Pan/Tilt Rotation	-170 ~ 170° (H) -30 ~ 90° (V)
Pan/Tilt Rotation Speed	0.2° ~ 100°/second (H) 0.2° ~ 60°/second (V)
Network and Control	
Network Interface	100Mbps Ethernet (RJ45, Female)
Control Port	RS-232 (8-pin mini-DIN)
Control Protocol	VISCA / PELCO-D
Network Protocol	ONVIF, RTSP, RTMP, HTTP, TCP, UDP
Preset Positions	Up to 64
General	
Operating Temperature	32 ~ 104°F (0 ~ 40°C)
Humidity	10 ~ 90%
Power Supply	**Input**: 100 ~ 240 VAC, 50/60Hz **Output**: DC 12V,
Power Consumption	15W (max)
Product Dimensions	6.93" (176mm) x 6.65" (169mm) x 5.35" (136mm)
Product Weight	2.4 lbs. (1.1kg)

Specifications are subject to change without notice