

# 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)<br>Wide Dynamic Range (WDR)<br>2D & 3D Noise Reduction (NR) |
| Signal-to-Noise Ratio (SNR) | ≥55dB                                                                                    |
| Pan/Tilt Rotation           | -170 ~ 170° (H)<br>-30 ~ 90° (V)                                                         |
| Pan/Tilt Rotation Speed     | 0.2° ~ 100°/second (H)<br>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<br>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