1080P WIDE-ANGLE CAMERA WITH AUTO TRACKING

The BG-MAESTRO is a compact camera and PTZ with automatic tracking that offers highly accurate tracking throughout the coverage area. Designed to be easily configurable, Maestro requires no additional software to set parameters for automatic tracking which is completed via the web-based interface. With electronic pan, tilt and zoom (ePTZ) capabilities, tracking is done with a fixed lens and maintains a very compact form factor. Power over Ethernet (PoE) technology further simplifies installation, requiring only one cable for power and Internet connectivity.

Reference: BG-MAESTRO

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BG-MAESTRO can simultaneously stream USB 3.0, 3G-SDI / HDMI and IP with resolutions up to 1080p@30Hz. The Maestro also uses a high-quality 1/2.8-inch 4K CMOS sensor to provide low noise and high SNR for the sharpest possible image. The camera is capable of up to 3x digital zoom and controls ePTZ automatically tracks subjects in its field of view. It can do this task at distances between 15 feet and 50 feet from the camera.

With 5 simultaneous output streams, the BG-Maestro allows you to stream multiple angles simultaneously. This camera is ideal for educational purposes, classes, fitness instructors and hobbyists. The Maestro has smooth tracking that is unaffected by minor movement of subjects and is also resistant to capturing from interfering subjects.

This camera is also equipped with a 3.5 mm stereo input for connecting an external microphone. It also supports several protocols such as ONVIF, RTSP and RTMP which allow operators to stream video directly from the camera to video and streaming service platforms such as YouTube, Facebook and Twitch. H.264 and H.265 video compression options are also available to help reduce bandwidth.

The intuitive web interface allows users to fine-tune the camera's automatic tracking capabilities as well as video parameters for particular situations and environments. The BG-MAESTRO also supports control via RS232 and RS485. The camera can also be ceiling, wall, or tripod mounted for greater installation flexibility.

Technical specifications

- Image sensor: 1/2.8" high-quality 4K CMOS sensor.
- Effective pixels: 8.28 megapixels, 16:9
- Video format: SDI/HDMI output: 1080p@30Hz /25Hz; 720p@60Hz /50Hz/30Hz/25Hz; U3 Output: 1920x1080p@30Hz /25Hz; 1280x720p@60Hz /50Hz/30Hz/25Hz; 960x540p@30Hz ; 800x600p@30Hz ; 640x360p@30Hz ; 640x480p@30Hz ; 352x288p@30Hz ; USB 3.0 can be compatible with USB 2.0 output
- Angle view: 57.2° (P) /47° (A) /36° (V)

- Focus: f=7.23mm
- Aperture: F2.4+5%
- Digital zoom: 3X
- Minimum illumination: 0.5 Lux (F1.8, AGC on)
- DNR: 2D and 3D DNR
- White Balance: Auto/Manual/One Push/Specified Color Temperature (2400K-7100K, step length is 100)
- Focus: Manual
- Exposure: Fixed
- BLC: ON OFF
- DNR: >50dB
- Video interfaces: SDI / HDMI Interface, USB, LAN: 10M/100M adaptive Ethernet port (POE support)
- Video compression format: H.264, H.265, MJPEG, YUY2, NV12
- Audio input interface: Dual track 3.5mm linear input
- Audio compression format: AAC, MP3, G.711A
- Network protocol: RTSP, RTMP, ONVIF, GB/T28181
- Control interface: RS232, RS485, LAN
- Communication protocol: VISCA, Pelco-D, Pelco-P, supports baud rate 115200/38400/9600/4800/2400; It supports VISCA control protocols
- Power interface: HEC3800 power socket (DC12V)
- Dimensions (W x H x D): 149 x 76 x 76 mm
- Weight: 0.53 kg

Do you want more information about it?

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