TVPROMPT

PTZ 4K Camera

TVP-BC1000-30

4K Precision. Intelligent Tracking. Total Control.

Professional PTZ camera featuring 4K UHD resolution at 60 fps, 30x optical zoom, AI-powered automatic tracking, and NDI®\|HX3 and Full NDI connectivity for broadcast production and live streaming.

ADDItelecom
AUDIOVISUAL TECHNOLOGY

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Key Features

- 4K UHD Image Quality at 60 fps: Equipped with a 1/1.8-inch SONY CMOS sensor and approximately 8.29 effective megapixels, delivering detailed images and smooth motion for professional productions.
- 30x Optical Zoom: Features a 6.91–214.64 mm lens, allowing operators to capture wide shots and detailed close-ups from a distance.
- AI-Powered Automatic Tracking: Detects people, gestures, and designated areas to help keep presenters and speakers in frame automatically.
- High-Precision PTZ Movement: Offers a horizontal pan range of −171° to +171° and a vertical tilt range of −30° to +90°, with adjustable movement speeds.
- 2D and 3D Noise Reduction: Enhances image processing under different shooting conditions.

Connectivity and Professional Applications

- Broadcast Production: Integrates into television studios and professional production systems via HDMI, SDI, and optical fiber.
- IP-Based Video Production: NDI®|HX3 and Full NDI compatibility enables integration into supported network-based video workflows.
- Virtual Production: Free-D support enables integration with compatible augmented reality and virtual production systems.
- Events and Conferences: Automatic speaker tracking and remote framing make it suitable for auditoriums, meeting rooms, and live streaming.
- Multi-Camera Productions: Genlock and Timecode support synchronization between multiple devices.
- Monitoring and Recording: Features a 2-inch side display for device information and an SD card slot for local recording.

Technical Specifications

- Sensor: 1/1.8-inch SONY CMOS.
- Maximum Resolution: 3840 × 2160 at 60 fps.
- Zoom: 30x optical and 16x digital.
- Video Encoding: H.264, H.265, and MJPEG.
- Video Outputs: 1 × HDMI 2.0, 1 × 12G-SDI, and 1 × 3G-SDI.
- IP Connectivity: Gigabit Ethernet RJ45 with PoE++ (IEEE 802.3bt) and SFP28 optical fiber.
- Audio and USB: 2 × XLR inputs, 1 × 3.5 mm line input, and 1 × USB 3.0 Type-C.
- Protocols: NDI®|HX3, Full NDI, Free-D, RTSP, RTMP, RTMPS, SRT, ONVIF, and VISCA over IP.
- Synchronization and Storage: Genlock, Timecode, and local recording to an SD card.
- Power Supply: 12 V DC or PoE++; maximum power consumption of 18 W.
- Dimensions and Weight: 190 × 230 × 258 mm; 4.15 kg.

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