



Datavideo PTC-600

ProdCode: DATAPTC600

4K AI PTZ Camera



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Features

- 4K AI PTZ Camera
- Simultaneous Outputs
- Exceptional 4K Quality with 30x Optical Zoom
- Flexible Connectivity and Audio Integration
- Interchangeable Backplates for Maximum Versatility
- Seamless Auto Tracking and AI-Powered Precision
- Tally Light
- Future-Ready with Multiple Variants

Introducing the PTC-600, Datavideo's flagship 4K AI PTZ camera, designed to transform your video production.

Equipped with a powerful 1/1.8" CMOS sensor and 30x optical zoom lens, it delivers stunning image quality, perfect for large venues like performance halls and conference rooms.

One of its standout features is the interchangeable backplates, allowing you to customize output options such as 12G-SDI, HDBaseT, or Full NDI. This flexibility ensures the PTC-600 adapts to your workflow and future-proofs your investment.

Simultaneous Outputs

For added flexibility in your workflow, connect your PTC-600 to multiple devices simultaneously using its versatile output connection options: RS-232, RS-422, HDMI, SDI, and RJ-45 PoE. All of these output options can be active at the same time, ensuring seamless integration into your setup.

Exceptional 4K Quality with 30x Optical Zoom

The PTC-600 stands out in its class, boasting a 30x optical zoom lens that ensures high-quality images even when capturing distant subjects. Whether you're filming in a large auditorium or an expansive conference room, this feature allows you to focus on the finest details without compromising clarity.

Advanced CMOS Sensor for Superior Image Quality

At the heart of the PTC-600 is its advanced 1/1.8" CMOS sensor, designed to elevate your video production to new heights. This large sensor excels in delivering vibrant colors and exceptional detail, even in the most challenging lighting conditions. Whether you're capturing fast-moving action or intricate scenes, the CMOS sensor ensures every frame is rich in detail and true to life. This level of performance makes the PTC-600 an ideal choice for professional environments where image quality is paramount.

Flexible Connectivity and Audio Integration

Connectivity is key in any professional setup, and the PTC-600 excels in this area. It features dual-mode Line/Mic audio input, including two XLR line-in inputs and a 3.5 mm mic input, ensuring crystal-clear sound quality that integrates seamlessly with live

audio equipment. The standard PoE configuration simplifies power cabling, reducing clutter and setup time, allowing you to focus on your production.

Interchangeable Backplates for Maximum Versatility

One of the standout features of the PTC-600 is its interchangeable backplates. This design allows you to easily swap out backplates to customize your camera's output options according to your specific workflow needs. Whether you require 12G-SDI, HDBaseT, or Full NDI outputs, the PTC-600 adapts effortlessly, offering unparalleled versatility and future-proofing your investment as your production needs evolve.

Seamless Auto Tracking and AI-Powered Precision

Equipped with next-generation AI natural tracking technology, the PTC-600 offers smooth and intelligent auto-tracking without the need for a camera operator. This feature is invaluable for capturing dynamic content, such as live presentations or performances, allowing you to focus on your event while the camera automatically adjusts to keep the subject in perfect frame. The camera's AI-powered precision ensures fluid movement and natural zooming and panning, providing a superior viewing experience.

Versatile Streaming Capabilities

The PTC-600 is designed with dual-platform streaming capability, allowing you to stream live content to two different platforms simultaneously. Whether you're broadcasting to a corporate network and a public platform or managing multiple live streams, the PTC-600 handles it effortlessly. It supports HDMI output at 4K50/60p YUV 4:2:2, as well as 3G-SDI output, catering to a wide range of professional broadcast and streaming needs.

Tally Light

Green and red tally lights indicate the preview and program status for broadcast applications.

Future-Ready with Multiple Variants

The PTC-600 is part of a versatile product series designed to meet various workflow requirements. Throughout 2024, Datavideo will progressively release additional models such as the PTC-600T 4K HDBaseT, NDI, and 12G SDI variants. These options ensure that no matter your setup, there's a PTC-600 model tailored to your needs.

