



## **Datavideo PTC-325**

**ProdCode: DATAPTC325**

4K Tracking PTZ Camera with 30x Optical Zoom - Dark Grey



[\[Download Images\]](#) (.zip file)

### **Features**

- 4K Tracking PTZ Camera with 30x Optical Zoom
- Advanced 4K PTZ Camera and Perfect for Large Venues
- Simultaneous Outputs
- Custom Auto Object Tracking
- Smart PTZ Speed Adaptation
- Talent Position: Center / Left Side / Right Side
- Low Noise in Low Light
- Multiple Simultaneous Video Outputs
- Multiple Network Protocol with Dual Stream Function
- Supports H.264/H.265 Video Compression
- Power over Ethernet
- Tally Light

## **Advanced 4K PTZ Camera and Perfect for Large Venues**

The Datavideo PTC-325 is equipped with a 1/2.8-inch CMOS sensor and a 30x optical zoom lens, offering 4K 50/60p output via HDMI with YUV 4:2:2 color sampling. This setup delivers sharp, detailed images with accurate color reproduction, even in larger venues. The camera's built-in Auto Tracking feature automatically locks onto and smoothly follows the subject, making it perfect for hands-free operation.

The PTC-325 also supports NDI for low-latency video transmission over networks, making it an excellent choice for live streaming and remote production. It offers dual power options, including DC input and PoE, and features robust encoding capabilities for exceptional performance and versatility.

Designed with the A/V market in mind, the PTC-325 series supports dual streaming output, enabling easy streaming to platforms like Facebook (RTMPS), YouTube, and dvCloud. Its compliance with the ONVIF Profile S standard ensures compatibility and interoperability across diverse network video environments.

### **Simultaneous Outputs**

Connect your PTC-325 to multiple devices in your workflow for flexibility. All the outputs are active at the same time.

### **Broadcast Quality 4K Resolution**

With built-in 1/2.8" CMOS sensor, supports resolution up to 2160p 50/60.

### **Superior Optical Performance**

The PTC-325 camera has 30x Optical Zoom and 16x Digital Zoom with the f1.8 wide open aperture.

### **Quick Access to Camera's Auto Tracking**

You will be allowed direct access to auto tracking via various external controllers such as the supplied RMC-1AT remote control and DVIP controllers (RMC-300A, PTC View Assist, etc.)

In addition to camera controllers, you can also easily enable auto tracking on smart switchers which include iCAST mini, SHOWCAST 100, etc as well as complete

solution systems like ZR-1 Hybrid Video Production Solution.

### **Custom Auto Object Tracking**

If you are filming multiple people, you can designate a person for auto tracking. Once linked to the camera, only the designated person will be tracked, avoiding interferences such as the desks, people coming back and forth, large objects, etc.

### **Smart PTZ Speed Adaptation**

The integrated PID algorithm is able to detect the movement speed of the identified object and automatically adjust the camera's corresponding pan, tilt and zoom speeds in such a way that the lens movement will be smooth, avoiding common camera lens movement problems like jerky movements or unpredicted halts.

### **Talent Position: Center / Left Side / Right Side**

The positioning of talent depends on the videographer's creativity and intent rather than strict rules. Different positions can convey various emotions, messages, or visual effects. A centered composition provides a sense of stability and balance, suitable for scenes that require highlighting the main subject. Videographers may also place the talent on the left third or right third of the frame, leaving adequate space in the foreground to showcase the talent's sight direction or potential future possibilities.

### **Quick Selection of Full Body / Half Body / Close-up**

All of the PTC-325 camera series include RMC-1AT controller. User can quickly select full-body, half-body and close up framing, making it easy to change the shooting scene and framing requirements.

### **Low Noise in Low Light**

Advanced 3D noise reduction technology is also used to further reduce the noise while ensuring image sharpness.

### **Multiple Simultaneous Video Outputs**

Supports simultaneous HDMI 2.0 and IP output up to 2160p 50/60 and also 3G-SDI output up to 1080p60/50.

### **Multiple Network Protocol with Dual Stream Function**

Support RTSP and RTMPS protocols, easy to stream directly to two different CDN

platforms and Datavideo dvCloud as well.

## **Supports H.264/H.265 Video Compression**

Support compression of resolution up to 3840x2160 with frame up to 59.94, 60fps and the second channel 720x480p compression. AAC, MP3 and PCM audio compression also supported.

## **Power over Ethernet**

The PTC-325 supports PoE for easy installation. No need to find local power outlets or hire an electrician to install outlets wherever you want to mount your camera. Simply run a single CAT-6 cable to power your PTC-325.

## **Tally Light**

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

## **Simply Enable Auto Tracking with Your IR Remote Control**

RMC-1AT PTZ Controller. All you need is a remote control to set and control all four cameras and save the four presets.

### **In the box:**

- 1x PTC-325 product
- 1x IR remote controller
- 1x Ceiling mount bracket-A
- 1x Ceiling mount bracket -B
- 6x Ceiling mount bracket screw M3\*4mm
- 1x DC 12V Power Adaptor
- 1x Safety cable

