



Datavideo PTC-305T

ProdCode: DATAPTC305T

4K 20x HDBaseT Tracking PTZ Camera



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Features

- 4K 20x HDBaseT Tracking PTZ Camera
- One Cable Solution
- Custom Auto Tracking
- Smart PTZ Speed Adaptation
- Broadcast Quality 4K Resolution
- Low Noise in Low Light
- Multiple Simultaneous Video Outputs
- Multiple Network Protocol with Dual Stream Function
- Power over Ethernet
- Tally Light
- Wide 60° Field of View
- Supports H.264/H.265 Video Compression

4K Auto Tracking PTZ Camera with HDBaseT

Live productions depend on high performance cameras and camera controllers.

Datavideo is introducing the 4K50/60p auto tracking PTZ camera, PTC-305T can be easily controlled via traditional RS-422 serial port, or IP remote control via DVIP or Sony VISCA over IP. This brand new 4K camera series supports dual streaming output for A/V market application. You can easily stream to Facebook (RTMPS), YouTube and dvCloud.

This HDBaseT version allows single CAT-6 cable to transfer video, control, power, and tally.

One Cable Solution

HDBaseT allows you to transmit power, HD video, control, and tally over a single Ethernet cable.

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 other controllers (RMC-300A, RMC-180 MARK II and PTC View Assist).

Custom Auto 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, and furniture.

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 halts.

Quick Access to Framing Options

All of the PTC-305 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.

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.

PTZ View Assist: Control up to 4 Cameras

The camera control app is tailored for the Datavideo PTZ camera series. It can monitor the live streaming video from PTC-140, PTC-280, PTC-285, PTC-300, and PTC-305 series. The app can control up to 4 cameras simultaneously via DVIP, you can intuitively set up and recall the presets, and adjust white balance, focus and IRIS.

The app is able to decode the live streaming via RTSP, SRT, and NDI. Easily monitor the live streaming video and set up the parameters promptly in one application. Datavideo provides iOS and Android versions, which you can download on Google Play and App Store for free!

Broadcast Quality 4K Resolution

With built-in 1/1.8" CMOS sensor, supports resolution up to 2160p 50/60.

Superior Optical Performance

The PTC-305T camera has 20x Optical Zoom and 16x Digital Zoom with the f1.58 wide open aperture.

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 HDBaseT/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.

Compatible with Various Controllers

Control real-time pan, tilt, and zoom camera movements with Datavideo HS-1600T MARK II, PTZ View Assist APP, RMC-300A and RMC-180 series. With configurable preset positions supported.

RS-422, DVIP and Ethernet Camera Control

RS-422 and ethernet to use DVIP or VISCA over IP commands to integrate with larger control systems.

Power over Ethernet

The PTC-305T supports PoE and HDBastT 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 CAT6 cable to power your PTC-305T.

Tally Light

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

Wide 60° Field of View

PTC-305T provides a wide Field of View of 60°, easily shooting all the scenes in the field.

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 720x480 with 29.97fps compression. AAC, MP3 and PCM audio compression also supported.

In the box:

- 1x PTC-305T
- 1x RMC-1AT IR remote controller
- 1x Ceiling mount bracket -B
- 6x Ceiling mount bracket screw M3*4mm
- 1x DC 12V Power Adaptor
- 1x Safety cable

