



Datavideo PTC-285T

ProdCode: DATAPTC285T

4K Auto Tracking PTZ Camera with HDBaseT



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Features

- 4K Auto Tracking PTZ Camera with HDBaseT
- One Cable Solution
- RMC-1 IR remote controller included
- Low Noise in Low Light
- Tally Light
- 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-285T 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-1 remote control and DVIP controllers ([RMC-300A](#), [RMC-180 MARK II](#) and PTC View Assist).

In addition to camera controllers, you can also easily enable auto tracking on smart switchers which include [KMU-200](#), [SHOWCAST 100](#), etc as well as complete solution systems like ZR-1 Smart Classroom.

- **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, 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.

S-Shaped Speed Curve

Just like how the lift accelerates or decelerates, the camera lens movement will be smooth, avoiding jerky movements that are visible to naked eyes.

Simply enable auto tracking with your IR remote control

RMC-1 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 four 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 and PTC-300 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!

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 Controller

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-285T 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-285T.

Tally Light

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

Wide 80° Field of View

PTC-285T provides a wide Field of View of 80°, 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.

Remote control from anywhere in the world

Control the PTZ camera at the venue from anywhere in the world using the [BB-1](#) KIT and dvCloud streaming service.

In the box:

- 1x PTC-285T
- 1x RMC-1 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 A tightrope

