



Datavideo PTC-145T

ProdCode: DATAPTC145T

HDBaseT Tracking PTZ Camera - Blue



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Features

- HDBaseT Tracking PTZ Camera
- One Cable Solution
- 20x Optical Zoom, 8x Digital Zoom
- Advanced 3D Noise Reduction Function
- Quick Access to Camera's Auto Tracking
- Custom Auto Object Tracking
- Smart PTZ Speed Adaptation
- Wide 60° Field of View
- H.264/H.265 Video Compression for Streaming
- RMC-1AT PTZ Controller included
- FREE PTZ View Assist APP

Stunning Full HD Resolution with Auto Tracking and HDBaseT Technology

Discover the PTC-145T, a PTZ camera blending stunning Full HD resolution with advanced HDBaseT technology for long-distance, high-quality video transmission. Equipped with a 1/2.8" CMOS sensor, it offers superb image quality, 20x optical zoom, and 8x digital zoom.

This camera supports HDMI, 3G-SDI, and streaming outputs, alongside HDBaseT for versatile connectivity. It features line-in and 3.5mm microphone inputs for superior audio, and one-click AI Tracking for smooth operation without a dedicated operator.

Available in dark blue or white, the PTC-145T is a stylish addition to any setting, perfect for those seeking both visual and technological excellence.

One Cable Solution

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

20x Optical Zoom, 8x Digital Zoom

The PTC-145T's 20x optical zoom and 8x digital zoom allows you to mount it near or far and still get great, sharp shots.

Advanced 3D Noise Reduction Function

The PTC-145T supports advanced digital noise reduction technology, which enables it to capture clear and smooth images even in less-than-perfect lighting conditions. This remarkable feature ensures that your footage remains crisp and vibrant, regardless of the lighting challenges you may encounter.

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 PTZ remote controller and RMC-300A DVIP controller, PTC View Assist App, and the TPC-700, etc., you can choose a suitable controller according to your needs.

In addition to camera controllers, you can also easily enable Auto Tracking on smart switchers, which include iCAST mini, KMU-200/300, SHOWCAST 100, etc.

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, thus avoiding interferences such as desks, people coming and going, 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 such as jerky movements or unexpected 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-145T 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.

S-Shaped Speed Curve

The S-Shaped Speed Curve, inspired by the smooth acceleration and deceleration of a lift, is a pivotal feature that enhances the camera lens movement. Much like the elevator ride that starts and stops seamlessly, the PTC-145T camera ensures your video captures maintain uninterrupted fluidity.

This innovative technology eliminates any jerky movements that might be discernible to the naked eye, resulting in professional-quality, visually pleasing content. The S-Shaped Speed Curve is your assurance that the camera's pan, tilt, and zoom functions will operate with precision and grace, delivering an unparalleled visual experience for your audience. Experience the future of camera movement with the PTC-145T.

Simply Enable Auto Tracking with Your IR Remote Control

The RMC-1AT PTZ Controller is all you need; it allows you to use a remote control to set and control all four cameras and save the four presets.

Wide 60° Field of View

The PTC-145T offers an expansive 60° Field of View, effortlessly capturing all scenes within its frame. This generous field of view ensures that it can encompass and record all the pertinent moments in the given area, delivering comprehensive visual coverage.

H.264/H.265 Video Compression for Streaming

With built-in streaming encoder, the PTC-145T can encode up to 2 simultaneous streams to any cloud service.

Simple Multi-Camera Control at Your Fingertips

With its ergonomic joystick and tactile button layout, the RMC-180 MARK II makes it easy to set up and control up to 4 Datavideo PTC-145T cameras for any live video production.

RMC-300A can Control Up to 24 PTC-145T Cameras

Designed to control up to 24 PTC-145T cameras, with preset memory for easy camera control. Able to control up to 24 Datavideo PTC-145T cameras simultaneously, 7 presets for each camera to operate with RGB backlit buttons.

Multiple Network Protocol

Support RTSP, RTMPS, SRT, ONVIF, Multicast protocols, easy to stream directly to your desired CDN streaming platform.

Compliant with the ONVIF Profile S Standard

The PTC-145T series cameras are compliant with the ONVIF Profile S standard, ensuring seamless integration and interoperability in network video systems.

Power over Ethernet

The PTC-145T 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 CAT6 cable to power your PTC-145T.

FREE PTZ View Assist APP

Control up to four cameras with your Wireless Touch Screen. It can monitor the live streaming video from PTC-145T 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.

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-145T Unit
- 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 Power Cord
- 1x Safety cable

