



Datavideo PTC-155T

ProdCode: DATAPTC155TW

HD 30x HDBaseT Tracking PTZ Camera - White



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Features

- HD 30x HDBaseT Tracking PTZ Camera
- 30x Zoom, Dual-Lens AI Tracking, One-Cable Simplicity
- Broadcast Quality 1/2.8-inch CMOS Sensor
- Advanced 3D Noise Reduction Function
- Dual-Lens Camera for Precise Tracking and Full Coverage
- RS-422, DVIP and Ethernet Camera Control
- Supports Dual H.264/H.265 Video Compression for Streaming

30x Zoom, Dual-Lens AI Tracking, One-Cable Simplicity

The PTC-155T is Datavideo's AI-powered PTZ camera, blending professional Full HD 1080/60P imaging with the convenience of HDBaseT single-cable transmission. Equipped with a 1/2.8" CMOS sensor, 30x optical zoom, and an intelligent dual-lens system, the PTC-155T delivers smooth, natural AI tracking and crystal-clear visuals, even in complex production environments.

With HDMI, 3G-SDI, IP streaming, and HDBaseT connectivity, the PTC-155T ensures flexible integration into modern workflows. Its line-in and 3.5mm microphone inputs provide excellent audio options, while one-click AI tracking enables effortless operation without the need for a dedicated camera operator.

Available in dark blue or white, the PTC-155T is the ideal solution for performance halls, classrooms, corporate meetings, and houses of worship, where both reliability and sophistication matter.

Simultaneous Output of Multiple Signal Formats

Supports SDI, HDMI, and UVC video output. Built-in H.264, H.265, and Motion JPEG encoding allows simultaneous live streaming to two platforms, meeting both on-site and online playback requirements.

- **AI Auto-Tracking**
Dual-lens system ensures precise subject tracking.
- **Stunning Image Quality**
Broadcast-grade 1/2.8" CMOS sensor delivers Full HD at 60fps.
- **Versatile Connectivity**
SDI, HDMI, UVC, and HDBaseT support, plus built-in streaming.
- **Easy Control**
Operate via controllers, apps, switchers, or web UI.

30x Optical Zoom, 16x Digital Zoom

The PTC-155's 30x optical zoom and 16x digital zoom allows you to mount it near or far and still get great, sharp shots.

Broadcast Quality 1/2.8-inch CMOS Sensor

The PTC-155T is an AI auto-tracking PTZ camera featuring a 1/2.8-inch CMOS

sensor and supports Full HD resolution at 1920x1080 60fps.

Advanced 3D Noise Reduction Function

The PTC-155T 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.

Dual-Lens Camera for Precise Tracking and Full Coverage

The dual-lens camera technology to accurately identify the subject's position and movement track. Even in complex environments, it ensures stable tracking. The secondary lens offers an ultra-wide-angle view, enabling output of HD footage of the entire scene.

SD Card Recording Functionality

The PTC-155 Series features built-in SD card recording, offering a flexible and efficient solution for video recording and backup. Recorded footage can be accessed and downloaded via the software, enabling quick management of recording data without needing to physically interact with the device.

Quick Access to Camera's Auto Tracking

You will be granted 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, including iCAST mini, 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-155 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-155 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-155.

Various Control Options

Control real-time pan, tilt, and zoom camera movements with Datavideo SHOWCAST 100, iCAST mini switcher, PTZ View Assist APP, RMC-300A and RMC-180 camera controller 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.

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 54° Field of View

The PTC-155T offers an expansive 54° 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.

Supports Dual H.264/H.265 Video Compression for Streaming

Capable of dual-stream encoding at 1920x1080 resolution at 60P and 720x480 resolution at 30P, providing flexible options for live streaming and recording tasks. Video compression supports H.264 and H.265 formats, while audio compression supports AAC, MP3, and PCM formats.

Multiple Control Protocols and Dual-Stream Live Broadcasting

Supports RTSP, RTMP(S), DHCP, TCP/IP, HTTP, and Multicast protocols. The PTC-155 Series cameras are fully compliant with the ONVIF Profile S standard, ensuring seamless integration and interoperability within networked video systems.

FREE PTZ View Assist APP

Control up to four cameras with your Wireless Touch Screen. It can monitor the live streaming video from PTC-155 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.

Power over Ethernet

The PTC-155T 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-155T.

Tally Light

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

In the box:

- 1x PTC-155T
- 1x IR remote controller
- 1x Ceiling mount bracket -B
- 6x Ceiling mount bracket screw M3*4mm
- 1x DC 12V Power Adaptor
- 1x Safety cable

