



Datavideo PTC-145

ProdCode: DATAPTC145

HD 20x NDI Tracking PTZ Camera



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Features

- HD 20x NDI Tracking PTZ Camera
- Stunning Full HD Resolution with Auto Tracking
- 20x Optical Zoom, 8x Digital Zoom
- Advanced 3D Noise Reduction Function
- Custom Auto Object Tracking
- Smart PTZ Speed Adaptation
- Wide 60° Field of View
- H.264/H.265 Video Compression for Streaming
- Power over Ethernet
- Remote Control and Preview by Web User Interface
- RMC-1AT PTZ Controller included

Seamless NDI Integration, Stunning Visual Excellence!

Elevate your production with the PTC-145NDI, a PTZ camera featuring NDI technology for seamless integration. With a 1/2.8" CMOS sensor, 20x optical zoom, and 8x digital zoom, enjoy stunning Full HD resolution.

Connect effortlessly to devices via HDMI, 3G-SDI, and streaming outputs. Experience superior audio with line-in and 3.5mm microphone inputs. The one-click AI Tracking ensures smooth camera movements without a dedicated operator, and simultaneous streaming to two platforms is a breeze.

Choose from stylish dark blue or white options to complement your indoor design. The PTC-145NDI brings a new level of connectivity and convenience to your production setup, delivering enhanced visual excellence.

Simultaneous Outputs

For added flexibility in your workflow, connect your PTC-145NDI to multiple devices simultaneously using its versatile output connection options: RS-232, RS-422/485, HDMI, SDI, and RJ-45 PoE. All of these output options can be active at the same time, ensuring seamless integration into your setup.

20x Optical Zoom, 8x Digital Zoom

The PTC-145NDI'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-145NDI 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 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-145NDI 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-145NDI 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-145NDI.

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-145NDI 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-145NDI can encode up to 2 simultaneous streams to any cloud service.

In the box:

- 1x PTC-145 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

