

## AW-UE150 PRO PTZ CAMERA

### FREQUENTLY ASKED QUESTIONS

#### BASICS

#### What is the AW-UE150?

The AW-UE150 is the first 4K/UHD 59.94p PTZ in its class. It features a large 1" MOS sensor with a widest in its class 75.1-degree viewing angle (horizontal), 20x optical zoom and versatile outputs, including 12G-SDI, HDMI, optical fiber and IP. It also offers key benefits, such as HDR HLG compatibility, a new 4K Multi-View Crop Mode, plus High-Speed Pan/Tilt Performance. The UE150 is the perfect remote camera for higher-end applications in broadcast, production, stadiums, corporate, events & staging, education, and house of worship.

#### What is the UE150 sensor size?

The AW-UE150 includes a large 1 inch MOS sensor, enabling high sensitivity shooting with low noise. The sensor boasts a light-capturing area that is approximately four times larger than that of the 1/2.3-type sensor to guarantee a wide dynamic range.

#### Does the UE150 offer a wide viewing angle?

Yes. The UE150 offers a widest in its class 75.1-degree horizontal wide viewing angle.

#### What is the UE150 Optical Zoom?

The UE150 offers a 20x Optical Zoom. In addition, it has special user friendly features, such as a 32x i.Zoom and 10x Digital Zoom (HD mode).

#### Is the UE150 4K / UHD compatible?

Yes. The UE150 offers 4K / UHD / HD compatibility and includes a high-quality 4K 60p video output for shooting smooth video, even in live sports and other environments containing rapid movement.



#### Is the UE150 HDR compatible?

Yes. The UE150 offers HDR (High Dynamic Range) HLG (Hybrid Log-Gamma). The color space is shifted to display according to the BT.2020 color gamut in HDR.

#### Which interfaces are supported?

A wide range of outputs are supported: 12G-SDI, 3G-SDI, HDMI, IP, and even Optical Fiber output. The addition of 4K/HD simultaneous output guarantees the right output for your application.



#### Is the AW-UE150 available in different body colors?

Yes. The AW-UE150 is available in both black (AW-UE150K) and white (AW-UE150W) versions.

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### FREQUENTLY ASKED QUESTIONS

#### BASICS (continued)

#### What control interfaces are supported?

Serial, IP, and IR control interfaces are all supported.

#### Which network switches are recommended?

The UE150 is compatible with several network switches, including the Planet GS-5220-8UP2T2X:

<https://planetechusa.com/gs-5220-8up2t2x-layer-3-8-port-10-100-1000t-802-3bt-poe-2-port-10-100-1000t-2-port-10g-sfp-managed-switch/>.

#### Which power connection is supported?

The AW-UE150 unit does not include a standard power supply. If the AW-UE150 will be installed in an area without PoE++, please utilize a PoE++ injector or 4-pin XLR connector (purchased separately).

PoE++ injector models include the Geovision GVPA901 PoE Adapter and others.

<http://www.geovision.com.tw/product/GV-PA901%20PoE%20Adapter>

<https://www.poetexas.com/products/bt-1-55v60w>

[https://www.phihong.com/poe/midspan\\_60\\_90.php](https://www.phihong.com/poe/midspan_60_90.php)

The power supply requires 12v 4a compatibility with a 4-pin XLR connector. Models include the IDX IA-70A and others.

#### Can the UE150 be installed on multiple surfaces?

Yes. The UE150 can be installed on a wall, ceiling or tripod. The ceiling mount is Included with camera. The optional wall mount can be separately purchased: [FEC-150WMK \(black\)](#) / [FEC-150WMW \(white\)](#).



#### PTZ FEATURES

#### Does the UE150 include Optical Image Stabilization?

Yes. The UE150 includes an Optical Image Stabilizer (OIS). Vibrations of the mounted surface caused by doors opening and closing, audio systems and other installed equipment are automatically corrected to ensure stable shooting.

#### Does the UE150 offer a night shooting mode?

Yes. The UE150 offers a Night Mode for infrared shooting. The use of IR rays in low-light situations enables shooting in situations that would normally be difficult, such as when capturing Reality TV, Docs and wildlife (image output is black and white).



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### FREQUENTLY ASKED QUESTIONS

#### PTZ FEATURES (continued)

#### Does the UE150 offer fast pan and tilt performance?

Yes. The UE150 pan and tilt operates from a minimum speed of 0.08°/s to a maximum of 180°/s in high-speed mode. This is approximately 3 times the speed of our current product. Furthermore, a low noise level of NC35 or less has been ensured when operating in normal mode, which is perfect for shooting in quiet environments.

#### Does the UE150 include a cropping function?

Yes. Images shot in 4K can be output in their entirety while simultaneously cropping parts of those images. The cropping position can be specified from a maximum of 3 locations to enable simple operation from the Remote Camera Controller, AW-RP150, a web browser or another operation screen.

#### IP NETWORKING / STREAMING / CONTROL

#### Does the UE150 support live streaming to YouTube Live and Facebook Live?

Yes. The UE150 supports RTMP (Real-Time Messaging Protocol). This enables direct live streaming to social sites, such as YouTube Live, Facebook Live and others.



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[facebook.com/groups/proptz](https://www.facebook.com/groups/proptz)

#### Does the UE150 offer web control?

Yes, the UE150 offer a New Web Interface. Camera IP image output, settings, and control are available using a web browser on a network connected computer (PC / Mac), iPads, iPhones, Androids and other mobile devices. Software applications include the Panasonic [PTZ Camera Control Center](#), as well as the iPad based [LIVCTRL App](#).

#### Is the UE150 NDI compatible?

Yes. The UE150 can be upgraded to an NDI|HX compatible model. NDI|HX compatibility enables high-quality IP based control and connectivity with NDI|HX compatible live production switchers (such as the [AV-HLC100 Stream Studio](#)). To purchase an NDI/HX license, please visit: <https://store.newtek.com/index.php/panasonicndihxlicense.html>

#### Which controllers are supported by the UE150?



The UE150 supports multiple full-size and compact controllers, including the [AW-RP120](#) / [AW-RP150](#)\*\* [AW-RP50](#)\*\* , as well as multiple ROP (Remote Operation Panels), including the [AK-HRP200](#), [AK-HRP1000](#) / [AK-HRP1005](#).

\*\*Future support planned.

#### What is the maximum number of UE150 units that can be controlled over a network?

Up to 200 AW-UE150 PTZ's can be controlled via IP connection from the AW-RP150 Remote Camera Controller. Furthermore, a single AW-UE150 unit can be controlled from up to 5 x AW-RP150 units.

#### How do I find more information?

For more information on the AW-UE150, please visit: <https://na.panasonic.com/us/audio-video-solutions/broadcast-cinema-pro-video/professional-ptz-cameras/aw-ue150-4k-60p>

To see the entire family of Panasonic PRO PTZs, please visit: <https://na.panasonic.com/us/panasonic-professional-ptz-cameras>