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<th>MODEL</th>
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**Specifications:**
- **CARES Plus:** Includes 3 Year Warranty, 3 Year Accessory Protection, 1 Year Warranty on Remote Control, and 1 Year Warranty on Indoor Housing.
- **ProVision:** Includes 5 Year Warranty on Remote Control.

**Features:**
- **Full HD Resolution:** 1920x1080
- **Digital Zoom:** Up to 57x
- **PTZ:** Pan, Tilt, Zoom, Focus, Iris, Exposure, and White Balance
- **HDMI:** Supports up to 1080p
- **LAN:** Supports up to 100M
- **Optical Fiber:** Supports up to 100M
- **Built-In Heater / Defroster:**
- **Fanless Design:**
- **Direct Streaming Function:**
- **High Dynamic Range (HDR):**
- **Night Mode (for IR):**
- **Full-Size Controller:**
- **Auto Tracking Server:**
- **HDMI:** Supports up to 1080p
- **LAN:** Supports up to 100M
- **Optical Fiber:** Supports up to 100M
- **Built-In Heater / Defroster:**
- **Fanless Design:**
- **Direct Streaming Function:**
- **High Dynamic Range (HDR):**
- **Night Mode (for IR):**
- **Full-Size Controller:**
- **Auto Tracking Server:**

**Power Supply:**
- **PoE+ or AC:** Up to 100W
- **PoE++ or XLR:** 5.5 A (XLR)
- **1.2 A (AC):** (mini-USB)
- **1.0A (PoE++):**

**Options & Accessories:**
- **Lens:**
- **Microphone:**
- **Remote Control:**
- **Outdoor Housing:**
- **Mounting Options:**
- **Networked Control:**
- **HDMI:** Supports up to 1080p
- **LAN:** Supports up to 100M
- **Optical Fiber:** Supports up to 100M
- **Built-In Heater / Defroster:**
- **Fanless Design:**
- **Direct Streaming Function:**
- **High Dynamic Range (HDR):**
- **Night Mode (for IR):**
- **Full-Size Controller:**
- **Auto Tracking Server:**

**Warranty:**
- **3 Year Warranty on Remote Control:**
- **1 Year Warranty on Indoor Housing:**
- **1 Year Warranty on Accessories:**
- **1 Year Warranty on Outdoor Housing:**
- **1 Year Warranty on Mounting Options:**
- **1 Year Warranty on Networked Control:**
- **1 Year Warranty on H.265:**

**Accessories:**
- **Mounting Brackets:**
- **Networked Control:**
- **HDMI:** Supports up to 1080p
- **LAN:** Supports up to 100M
- **Optical Fiber:** Supports up to 100M
- **Built-In Heater / Defroster:**
- **Fanless Design:**
- **Direct Streaming Function:**
- **High Dynamic Range (HDR):**
- **Night Mode (for IR):**
- **Full-Size Controller:**
- **Auto Tracking Server:**

**Power Supply:**
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- **1.0A (PoE++):**
NEW SOFTWARE! AUTO TRACKING SOFTWARE / SERVER
AW-SF100 / AW-SF200 / NEW AW-SF300
State-of-the-art auto tracking software options for Panasonic PRO PTZ remote cameras. Dramatically simplifies your remote camera for easier single-person operation. Using a combination of tracking methods, including template matching, facial detection and deep learning, compatible Panasonic PRO PTZ cameras can be automated to keep track of speakers or lecturers without the need for a dedicated camera operator. AW-SF300 enables the management and control of visual presets through an intuitive GUI interface incorporating photos and layout diagrams assigned by the user.

- AW-SF100 (stand-alone software) / AW-SF200 (server) / AW-SF300 (license needed)
- Deep Learning, Motion Detection & Facial Recognition
- Used for high-precision auto tracking with minimum tracking error

NEW SOFTWARE!
NEW UPDATES! WINDOWS SOFTWARE
PTZ CONTROL CENTER
Use the free PTZ Control Center software to set-up and control your camera on a Windows laptop or desktop PC. With this software, you can utilize your mouse, your touch-screen, or your choice of compatible joysticks or game controllers for camera control.

- Software application that allows for remote operation of Panasonic Professional PTZ cameras via your PC, allowing for control via a standard keyboard/mouse, touchscreen, or a compatible USB joystick / game controller
- Allows for centralized management of multiple PTZ cameras
- Provides simultaneous control of multiple cameras, allowing adjustment of Focus, Iris, Gain, White Balance, Shutter & ND Filters
- Add up to 9 PTZ camera presets with thumbnails

WEB BROWSER
When your camera is on the network, you can set-up and control it via a web browser on a PC, Mac or mobile device such as an iPhone, iPad or Android device. This is a free, yet powerful option for camera control and setup.

FULL-SIZE CONTROLLER
AW-RP150
Control up to 200 PRO PTZ cameras with this full-size camera controller. Quickly setup and access camera presets and complex image controls and easily control your cameras with a top-of-the-line joystick, ensuring smooth camera movements.

- LCD Touchscreen w/Touch Focus Functionality
- Camera Monitoring via HD-SDI
- Industry Approved Ergonomic Design
- 3D Joystick for Single-Handed Operation
- Simplified PTZ Camera Presets & Tracing Memory
- Streamlined Multicamera Deployment
- Power via PoE+ or XLR

COMPACT CONTROLLER
AW-RP60
Control up to 200 PRO PTZ cameras, with this full-featured controller. An LCD screen displays menus & key camera information such as iris, zoom and focus.

- MSRP $2,375
- Power via PoE or XLR

iPAD APP
LIVECTRL
Use the LiveCTRL app on your iPad Pro to set-up, control and livestream up to 4 Panasonic PRO PTZ cameras. With this app, you can utilize your tablet to produce your entire show. The app is free to download and allows for full camera preview and control at its most basic tier, allowing controlling, switching and livestreaming of up to 4 cameras via an in-app purchase as you scale your production.

- Supports up to 4 Panasonic PRO PTZ cameras
- Allows you to use select Panasonic professional PTZ cameras on your network as USB cameras
- Up to 5 cameras can be registered
- Automatic camera discovery and network settings
- Compatible with all PTZ models as well as the AG-UMR20, AG-UCK20, AG-CX10 and AG-CX350.

DRIVER SOFTWARE
PTZ VIRTUAL USB DRIVER
With the free PTZ Virtual USB Driver software, you can convert select Panasonic Professional PTZ cameras on your network into super web cams.

- Allows you to use select Panasonic professional PTZ cameras on your network as USB cameras
- Up to 5 cameras can be registered
- Automatic camera discovery and network settings
- Compatible with all PTZ models as well as the AG-UMR20, AG-UCK20, AG-CX10 and AG-CX350.

NEW SOFTWARE!
NEW! ROBOTIC DOLLSIES, TELESCOPIC COLUMNS & CEILING/FLOOR TRACKS
TECNOPPOINT TUNING
The first robotic system with tracks to be fully integrated with Panasonic PRO PTZ cameras. The direct system integration allows for full control of the dolly, column and the camera from a single controller.

- PTZ camera controller, audio mixer, titler, media player, and 1ME live streaming switcher
- Intuitive 3D joystick with pan, tilt, and zoom control
- Stream directly to Youtube Live, Facebook Live, TWITCH, Vimeo, custom RTMP destinations & more

REMOTE OPERATION PANEL
AK-HRP200 / AK-HRP1000
Ideal for multi-camera shoots that incorporate Professional PTZ and non-PTZ cameras, these advanced remote control panels allow for accelerated fine-tuning of camera color and shading.

STREAMSTUDIO
NDI
Not just a controller, but a full-fledged all-in-one control, production & live streaming system, the AV-HLC100 Stream Studio allows a mixed input of HDMI, SDI and NDI/HX PTZ camera sources (up to 8) for a complete live streaming solution.

- PTZ camera controller, audio mixer, titler, media player, and 1ME live streaming switcher
- Intuitive 3D joystick with pan, tilt, and zoom control
- Stream directly to Youtube Live, Facebook Live, TWITCH, Vimeo, custom RTMP destinations & more