HD remote camera that enables high-quality video production even in dark environments

- **High Sensitivity Achieved with the 1” Large-sized Sensor**
  Equipped with a high sensitivity 1” large-sized sensor to achieve quality shooting even with dark scenes. Optimal for recording stage events with low light intensity.

- **Optical 20x Zoom/Horizontal 75.1° Wide-angle Shooting**
  Equipped with an optical 20x zoom, horizontal 75.1° wide-angle lens, and is compatible with a wide range of installation environments.

- **Pan/tilt Performance that Achieves Smooth and Accurate Operation**
  The mechanism of the high-end models has been adopted for the pan/tilt operating mechanism. A smooth and accurate pan/tilt performance is realized, supporting high-level video production.
Various features that meet high shooting demands

**High-Quality Full-HD60p/50p Shooting**

Full-HD output and 59.94p/50p shooting achieve extremely smooth video, even in live sports and other environments containing rapid movement.

**Multiple Interfaces Supported**

A wide range of outputs are supported: 3G-SDI, HDMI and IP.

- **Rear View**

  * HDR (HLG) Support
  * Night Mode Support
  * Adaptive Matrix prevents color overflow from blue LEDs
  * Optical Image Stabilizer (OIS) Loaded
  * Equipped with a Large Tally Lamp
  * JPEG Image Saving Function Equipped
  * NDI | HX Compatibility for Excellent Video Streaming Quality
  * Direct Broadcast via RTMP (Real-Time Messaging Protocol)
  * AW-RP1500J Connection for Large-Scale Production Systems
  * Controlled by Web UI

**Other Features**

- **HDR (HLG) Support**
- **Night Mode Support**
- **Adaptive Matrix** prevents color overflow from blue LEDs
- **Optical Image Stabilizer (OIS)**
- **Equipped with a Large Tally Lamp**
- **JPEG Image Saving Function Equipped**
- **NDI | HX Compatibility** for excellent video streaming quality
- **Direct Broadcast via RTMP** (Real-Time Messaging Protocol)
- **AW-RP1500J Connection** for large-scale production systems
- **Controlled by Web UI**

* Abbreviation of Power over Ethernet Plus Plus. Conforms to IEEE802.3bt.

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**AW-HE145W/K Specifications**

**General**

- **Power Requirements**
  - 12 V DC (10.8 V to 13.2 V)
- **PoE++**
  - IEEE802.3bt: DC 42 V to 57 V (camera input)
  - 4.0 A (XLR IN connector), 1.2 A (PoE++ power supply)
- **Weight**
  - Approx. 6.1 kg (13.4 lb) (excluding mounting bracket)
- **Dimensions (W x H x D)**
  - 213 mm x 267 mm x 219 mm (8-3/8 inches x 10-1/2 inches x 8-5/8 inches)
  - (excluding protrusions, direct ceiling mount bracket)

**Camera Unit**

- **Imaging Sensors**
  - 1-type Full-HD MOS
- **Lens**
  - Motorized Optical 20x zoom, F2.8 to F4.5
  - [f=8.8 mm (11/32 inches) to 176.0 mm (6-15/16 inches); 35 mm (1-3/8 inches) equivalent: 24.5 mm (31/32 inches) to 490.0 mm (19-9/32 inches)]
- **Zoom**
  - Optical zoom: 20x
  - i.Zoom: FHD 32x
  - Digital zoom: 10x
- **Angle of View Range**
  - Horizontal angle of view: 75.1° (wide) to 4.0° (tele)
  - Vertical angle of view: 46.7° (wide) to 2.3° (tele)
  - Diagonal angle of view: 82.8° (wide) to 4.6° (tele)

**Output**

- **HDMI**
  - 2.0 standard, 4:2:2/10bit
  - SMPTE292 / 75 Ω (BNC x 1)

**Input/Output**

- **LAN**
  - CONTROL IN RS-422A (RJ-45)
  - RS-422
  - SUPPORTED mic: Stereo mic (plug-in power, on/off switching via menu)
  - AAC compatible (compatible with IP only), ø 3.5 mm stereo mini jack

**Other Features**

- **HDR (HLG) Support**
- **Night Mode Support**
- **Adaptive Matrix** prevents color overflow from blue LEDs
- **Optical Image Stabilizer (OIS)**
- **... via RTMP (Real-Time Messaging Protocol)**
- **AW-RP150**
- **Remote Camera Controller**
  - AW-RP60
  - Equipped with a GUI menu screen for clear visibility and a joystick for intuitive control.
  - Equipped with a GUI menu screen that enables the subject of multiple PTZ Cameras to be switched with a single click of an icon.

**Image Transmission Setting**

- **NDI | HX**
  - Transmission mode: Uncast port (AUTO), Uncast port (MANUAL), Multicast port
  - Frame Rate: 60fps, 50fps, 30fps, 15fps, 5fps
  - Max Bit Rate: 24576kbps / 20480kbps / 16384kbps / 14336kbps / 12288kbps / 10240kbps / 8192kbps / 6144kbps / 4096kbps / 3072kbps / 2048kbps / 1536kbps / 1024kbps / 768kbps / 512kbps

**Remote Camera Controller**

- **AW-RP150**
  - High operability ensured through touch-panel GUI monitor and a new type of joystick.
- **AW-RP60**
  - Equipped with a GUI menu screen for clear visibility and a joystick for intuitive control.

**Auto Tracking Software Key**

- **AW-SF100/AW-SF200**
  - Face Recognition and Human Body Detection for High Precision and Smooth Tracking Control for Natural-looking Video

**Visual Preset Software Key**

- **AW-SF300**
  - GUI screen that enables the subject of multiple PTZ Cameras to be switched with a single click of an icon.

**Contact Information**

- **Facebook**
- **Mobile App**
- **Broadcast and Professional AV Website**

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For more information, please visit Panasonic web site

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1. For more information about the specifications please visit the website *1*. Native output. *1* *2* Depending on the pan or tilt position, the camera may be reflected in the image.

2. Product specifications are subject to change without notice.