Exceptional Pan-Tilt mechanism performance for smooth moves during video capture.

Thanks to a highly evolved pan-tilt design, the AW-HE130W/K achieves smoother and more natural movement during on-air shots. The pan-tilt head also has a wide shooting range*, with a pan range of ±175° and a tilt range of 30° to 210°. The newly developed pan-tilt drive provides high-speed operation at maximum 60/50p, excellent response to remote control operation, and highly precise stop control. These features combine to accurately capture fast-action sports scenes or smooth concert footage. The noise level during operation is also very low, at NC35 or less, which is ideal for use in quiet environments.

*1: It may be necessary to upgrade the version of the controller in order to support the unit. For details on upgrading, visit the support page on the following website: http://pro-av.panasonic.net/

True 1080/29.97p, 1080/23.98p, 1080/29.97PsF, 1080/23.98PsF, 1080/59.94p, 1080/50p, or 1080/50PsF. *3: Native output *4: A ‘P’ signal is output as HDMI output, an ‘I’ signal is output as SDI and an analog output for output formats of 480/59.94p(i) and 576/50p(i).

Other Functions

- Equipped with ND filters (Through, 1/8, 1/64).
- Equipped with four types of scene files that can be set by the user.
- Preset memory of up to 100 positions.
- Functions such as freeze during preset, digital extender zoom, color temperature settings can be assigned to the user buttons on Panasonic controllers.
- Equipped with RS422 remote terminal; up to five units can be controlled via serial control from a controller.
- Equipped with RS232C remote terminal (Standard serial communication support).
- Up to four units can be operated with a wireless remote controller (AW-RM50G sold separately).
- Easy installation thanks to use of turn-lock mechanism.
- Color variations (black/white) that can be chosen for different applications or conditions.

Specifications

- **Power requirements**: DC 12 V (AC adaptor supplied), DC 42 - 57 V (PoE+ power supply)
- **Current consumption**: 1.8 A (AC adaptor supplied), 0.6 A (PoE+ power supply)
- **Ambient operating temperature**: 0 °C to 40 °C (32 °F to 104 °F)
- **Storage temperature**: -20 °C to 50 °C (-4 °F to 122 °F)
- **Allowable humidity ranges**: 20 % to 90 % (no condensation)
- **Mass**: Approx. 3.1 kg (6.8 lb) (including mount bracket)
- **Dimensions (W x H x D)**: 100 mm x 220 mm x 234 mm (3.94 inches x 8.66 inches x 9.21 inches)
- **Finish**: AW-HE130WP/AW-HE130WE: Pearl white
- **Controller supported**: AW-RP120, AW-RP50, AK-HRP200
- **Camera unit**
  - Imaging sensors: 1/2.86-type Full-HD 3MOS
  - Lens: Motorized 20 zoom, F1.6 to F3.4
  - Focus: Switching between auto and manual
  - Color separation optical system: 3MOS
  - Minimum illumination: 2 lx (50 %, F1.6, 36 dB)
- **Pan-tilt operation speed**: 0.08°/s to 60°/s

- **Controller**
  - Up to four units can be operated with a wireless remote controller (AW-RM50G sold separately).
  - Easy installation thanks to use of turn-lock mechanism.
  - Color variations (black/white) that can be chosen for different applications or conditions.

Input and Output

- **Input connector**: DC 12 V IN, G/L IN (BNC)
- **Output**: HDMI connector (BBS (Black Burst Sync), 3.5 mm stereo mini jack)
- **Video output**: HDMI connector (HDCP is not supported.)

Functions

- **Camera/pan-tilt head control**
  - IP connecting cable
    - When connecting through a hub: LAN cable*, category 5 or above, straight cable, max. 100 m (328 ft)
    - When a hub is not used: LAN cable*2 (category 5 or above, crossover cable) max. 100 m (328 ft)
  - RS-232C connecting cable
    - LAN cable*3 (category 5 or above, crossover cable) max. 100 m (328 ft)
- **Pan-tilt operation speed**: 0.08°/s to 60°/s
- **Panning range**: ±175°
- **Tilting range**: 30° to 210°

System configuration example

- **Dimensions (W x H x D)**: 180 mm × 228 mm × 234 mm (7-3/32 inches x 9 inches x 9-3/16 inches)