



PROFESSIONAL PARTNER



HD Remote camera

## AW-HE60H

Full-HD Integrated Pan-Tilt Camera

### Key Features

1/3-type full HD 3MOS sensor

18x optical zoom

Dynamic range stretch

PROFESSIONAL PARTNER LEVEL





## AW-HE60H

<https://eu.connect.panasonic.com/pl/en/products/broadcast-proav/aw-he60h>

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|--|---|
| <b>Power Requirements</b>              | DC 12 V (AC adaptor supplied)   |
| <b>Power Consumption</b>               | 1.3 A (AW-HE60H), 1.4 A (AW-HE60S)  |
| <b>Operating Temperature</b>           | 0°C to 40°C (32°F to 104°F)   |
| <b>Allowable Humidity Range</b>        | 20 % to 90 % (no condensation)  |
| <b>Storage Temperature</b>             | -20°C to 50°C (-4°F to 122°F)   |
| <b>Weight</b>                          | Approx.1.4 kg (Approx.3.1 lbs)  |
| <b>Dimensions (W x D x H)</b>          | 160 mm x 178 mm x 166 mm (6-5/16 inches x 7 inches x 6-9/16 inches) (excluding protrusions, cable cover, direct ceiling mount bracket)  |
| <b>Image Sensors</b>                   | 1/3 type Full-HD MOS  |
| <b>Lens</b>                            | Motorized 18x zoom, F1.6 to F2.8 (f=4.7 mm to 84.6 mm; 35 mm equivalent: 36.9 mm to 664.5 mm)   |
| <b>Focus</b>                           | Switching between auto and manual   |
| <b>Focus Distance</b>                  | Entire zooming range: 1.0 m (3.3 ft.), Wide end: 30 cm (0.98 ft.)   |
| <b>Color Separation Optical System</b> | On-chip color filter system   |
| <b>Minimum Illumination</b>            | 3 lx (50 IRE, F1.6, +36 dB)   |
| <b>Horizontal Resolution</b>           | 850 TV lines Typ (Center area)  |
| <b>Gain Selection</b>                  | Auto, 0 dB, 3 dB, 6 dB, 9 dB, 12 dB, 15 dB, 18 dB   |
| <b>Frame Mix</b>                       | 0 dB, 6 dB, 12 dB, 18 dB  |
| <b>Electronic Shutter Speed</b>        | [59.94 Hz] 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 [50 Hz] 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000  |
| <b>Synchro Scan</b>                    | [59.94 Hz] 60.24 Hz to 646.21 Hz [50 Hz] 50.20 Hz to 538.51 Hz  |
| <b>Gamma</b>                           | Off, Normal (Low, Mid, High), Cinema  |
| <b>White Balance</b>                   | AWB A, AWB B, ATW   |
| <b>Scene File</b>                      | FullAuto, Manual1, Manual2, Manual3   |
| <b>HD</b>                              | 1080/59.94p*1, 1080/59.94i, 1080/50p*1, 1080/50i, 1080/29.97PsF, 1080/25PsF, 720/59.94p, 720/50p  |
| <b>SD</b>                              | 576/50p*1, 576/50i, 480/59.94p*1, 480/59.94i  |
| <b>Synchronization System</b>          | Internal synchronization (AW-HE60H), Internal/External synchronization (BBS) (AW-HE60S)   |
| <b>Input Connector</b>                 | DC 12 V IN, EXT SYNC IN (BNC) (AW-HE60S only) *BBS (Black Burst Sync) signal supported  |
| <b>HDMI</b>                            | HDMI x1 (AW-HE60H)  |
| <b>SDI</b>                             | BNC x1 Compliant with the SMPTE292M/SMPTE259M standards / 75 Ω (AW-HE60S)   |
| <b>LAN</b>                             | LAN connector for IP control (10BASE-T/100BASE-T, RJ-45)  |
| <b>RS-422</b>                          | MULTI-I/F x1 CONTROL IN RS422A*3  |
| <b>Pan/Tilt Operation Speed</b>        | MAX 90°/s   |
| <b>Panning Range</b>                   | ±175°   |
| <b>Tilting Range*4</b>                 | 90° to -30°   |
| <b>Quietness</b>                       | NC35 (at normal speed), NC40 (at fastest speed when preset)   |
| <b>Standard Accessories</b>            | Mount bracket for installation surface (Hanging*5/Desktop), Drop-prevention wire (already attached to the unit), Bracket mounting screws (bind-head) M4 x 10 mm, Main unit mounting screw (with flat washer, spring washer) M3 x 6 mm, Cable cover, Power cable (2 m[6.6 ft]), AC adaptor |
| <b>Y/PB/PR (HD/SD)*2</b>               | HD MULTI-I/F x1 Y: 1.0 V[p-p]/75 Ω, PB/PR: 0.7 V[p-p]/75 Ω SD MULTI-I/F x1 Y: 1.0 V[p-p]/75 Ω, PB/PR: 0.7 V[p-p]/75 Ω(59.94 Hz)/Y: 1.0 V[p-p]/75 Ω, PB/PR: 0.525 V[p-p]/75 Ω(50 Hz)   |
| <b>Composite</b>                       | MULTI-I/F x1 1.0 V [p-p] / 75 Ω   |