



PROFESSIONAL PARTNER



HD Remote Camera

## AW-HE60S

Full-HD Integrated Pan-Tilt Camera

### Key Features

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1/3-type sensor

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18x optical zoom

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Night mode function



## AW-HE60S

<https://eu.connect.panasonic.com/pl/en/products/broadcast-proav/aw-he60s>

<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>Composite</b>	MULTI-I/F x1 1.0 V [p-p] / 75 Ω
<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>LAN</b>	LAN connector for IP control (10BASE-T/100BASE-T, RJ-45)
<b>RS-422</b>	MULTI-I/F x1 CONTROL IN RS422A x3
<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