



PROFESSIONAL PARTNER



HD Remote Camera

AW-HE60S

Full-HD Integrated Pan-Tilt Camera

Key Features

1/3-type sensor

18x optical zoom

Night mode function



AW-HE60S

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

Power Requirements	DC 12 V (AC adaptor supplied)
Power Consumption	1.3 A (AW-HE60H), 1.4 A (AW-HE60S)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Allowable Humidity Range	20 % to 90 % (no condensation)
Storage Temperature	20°C to 50°C (-4°F to 122°F)
Weight	Approx.1.4 kg (Approx.3.1 lbs)
Dimensions (W x D x H)	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)
Image Sensors	1/3 type Full-HD MOS
Lens	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)
Focus	Switching between auto and manual
Focus Distance	Entire zooming range: 1.0 m (3.3 ft.), Wide end: 30 cm (0.98 ft.)
Color Separation Optical System	On-chip color filter system
Minimum Illumination	3 lx (50 IRE, F1.6, +36 dB)
Horizontal Resolution	850 TV lines Typ (Center area)
Gain Selection	Auto, 0 dB, 3 dB, 6 dB, 9 dB, 12 dB, 15 dB, 18 dB
Frame Mix	0 dB, 6 dB, 12 dB, 18 dB
Electronic Shutter Speed	[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
Synchro Scan	[59.94 Hz] 60.24 Hz to 646.21 Hz [50 Hz] 50.20 Hz to 538.51 Hz
Gamma	Off, Normal (Low, Mid, High), Cinema
White Balance	AWB A, AWB B, ATW
Scene File	FullAuto, Manual1, Manual2, Manual3
HD	1080/59.94p*1, 1080/59.94i, 1080/50p*1, 1080/50i, 1080/29.97PsF, 1080/25PsF, 720/59.94p, 720/50p
SD	576/50p*1, 576/50i, 480/59.94p*1, 480/59.94i
Synchronization System	Internal synchronization (AW-HE60H), Internal/External synchronization (BBS) (AW-HE60S)
Input Connector	DC 12 V IN, EXT SYNC IN (BNC) (AW-HE60S only) *BBS (Black Burst Sync) signal supported
HDMI	HDMI x1 (AW-HE60H)
SDI	BNC x1 Compliant with the SMPTE292M/SMPTE259M standards / 75 Ω (AW-HE60S)
Composite	MULTI-I/F x1 1.0 V [p-p] / 75 Ω
Y/PB/PR (HD/SD)*2	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)
LAN	LAN connector for IP control (10BASE-T/100BASE-T, RJ-45)
RS-422	MULTI-I/F x1 CONTROL IN RS422A x3
Pan/Tilt Operation Speed	MAX 90°/s
Panning Range	±175°
Tilting Range*4	90° to -30°
Quietness	NC35 (at normal speed), NC40 (at fastest speed when preset)
Standard Accessories	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