



Video Output via 3G-SDI and IP Streaming Transmission

AW-HE130

PTZ camera capable of production quality Full HD video output up to 1080/60p via IP transmission, in addition to 3G-SDI and HDMI. Equipped with three 1/2.86 MOS sensors for high sensitivity, a superior S/N ratio and high resolution.

Key Features

1/2.86-type three MOS sensors

Optical Image Stabilizer, Night Mode & Fan-Less Design

1.4x Extender Zoom

HD-IP Streaming

PoE+ support & one cable operation (power supply, control & video output)

PROFESSIONAL PARTNER LEVEL



AW-HE130

<https://eu.connect.panasonic.com/fr/en/products/broadcast-proav/aw-he130>

General

Power Requirements	DC 12 V (AC adaptor supplied) DC 42 - 57 V (PoE+ power supply) 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)
Allowable Humidity Ranges	20 % to 90 % (no condensation)
Storage Temperature	-20 °C to 50 °C (-4 °F to 122 °F)
Mass	Approx. 3.1 kg (6.83 lb) [Including mount bracket]
Dimensions (W x H x D)	180 mm x 228 mm x 234 mm (7-3/32 inches x 9 inches x 9-3/16 inches) (excluding protrusions, cable cover, direct ceiling mount bracket)
Finish	AW-HE130WP/AW-HE130WE: Pearl white AW-HE130KP/AW-HE130KE: Metallic black
Controller Supported*1	AW-RP120G, AW-RP50, AK-HRP200G
Camera Unit	
Imaging Sensors	1/2.86-type Full-HD 3MOS
Lens	Motorized 20 zoom, F1.6 to F3.4 (f=4.5 mm to 90 mm; 35 mm equivalent: 32.13 mm to 642.5 mm)
Focus	Switching between auto and manual
Focus Distance	Entire zooming range: 800 mm (2.62 ft) Wide end: 400 mm (1.31 ft)
Color Separation Optical System	3MOS
Minimum Illumination	2 lx (50 IRE, F1.6, 36 dB)
Horizontal Resolution	1000 TV lines Typ (Center area)
Gain Selection	Auto, 0 dB to 36 dB
Frame Mix*2	0 dB, 6 dB, 12 dB, 18 dB, 24 dB
Electronic Shutter Speed	59.94p/59.94i: 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 29.97p: 1/30, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 23.98p: 1/24, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 50p/50i: 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 25p: 1/25, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000
Synchro Scan	59.94 Hz: 60.15 Hz to 642.21 Hz 50 Hz: 50.15 Hz to 535.71 Hz
Gamma	HD, SD, FILMLIKE1, FILMLIKE2, FILMLIKE3 0.30 to 0.75 (Manual setting)
White Balance	AWB A, AWB B, ATW, 3200K, 5600K, VAR (2000K to 15000K)
Chroma Amount Variability	OFF, -99 % to 40 %
Scene File	Scene1, Scene2, Scene3, Scene4
Input Connector	DC 12 V IN, G/L IN (BNC) • BBS (Black Burst Sync), tri-level sync supported • Locking to a color subcarrier is not possible with BBS. PoE+ (IEEE802.3at standard)
Output	
Video Output	HDMI: HDMI connector • HDCP is not supported. • Viera Link is not supported. HD/SD-SDI OUT: SMPTE424/SMPTE292/SMPTE259 standards 75 Ω (BNC x 1) VIDEO OUT: NTSC/PAL 1.0 V [p-p]/75 Ω (BNC x 1)
Input/Output	

Input/Output Connector	<p>LAN: LAN connector for IP control (RJ-45), PoE+</p> <p>RS-422: CONTROL IN RS-422A (RJ-45)</p> <p>MIC/LINE input: ø3.5 mm stereo mini jack Input impedance: High impedance</p> <ul style="list-style-type: none"> • During MIC input Supported mic: Stereo mic <p>(plug-in power, on/off switching via menu)</p> <ul style="list-style-type: none"> • Supply voltage: 2.5 V ± 0.5 V <p>Mic input sensitivity: Approx. -40 dBV ± 3 dBV (0 dB=1 V/Pa, 1 kHz)</p> <ul style="list-style-type: none"> • During LINE input <p>Input level: Approx. -10 dBV ±3 dBV</p>
Pan-Tilt Head Unit	
Installation Method	Stand-alone (Desktop) or suspended (Hanging)*3
Camera/Pan-Tilt Head Control	<p>IP connecting cable</p> <ul style="list-style-type: none"> • When connecting through a PoE+ hub: <p>LAN cable*4 (category 5e or above, straight cable), max. 100 m (328 ft)</p> <ul style="list-style-type: none"> • When a PoE+ hub is not used: <p>LAN cable*4 (category 5 or above, crossover cable) max.100 m (328 ft)</p> <p>RP connecting Cable</p> <p>LAN cable*4 (category 5 or above, straight cable), max. 1000 m (3280 ft)</p> <p>RS-422A, AW series protocol</p>
Pan-Tilt Operation Speed	0.08°/s to 60°/s
Panning Range	±175°
Tilting Range*7	-30° to 210°*5
Quietness	NC35 or less
Standard Accessories	<p>Mount bracket for installation surface (Hanging*6 / Desktop): 1, Drop-prevention wire: 1, Drop-prevention wire mounting screw (comes attached to the unit): 1, Bracket mounting screws (bind-head) M4 x 10 mm: 4, Main unit mounting screw (with flat washer,spring washer) M3 x 6 mm: 1, Cable cover: 1, Power cable: 1, AC adaptor: 1, CD-ROM</p>
Note	<p>*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/</p> <p>*2: This cannot be configured when the format is 1080/29.97p, 1080/23.98p, 1080/29.97PsF 1080/23.98PsF, 1080/25p, or 1080/25PsF.</p> <p>*3: To ensure safety, the unit must be secured using the mount bracket supplied.</p> <p>*4: Use of an STP (shielded twisted pair) cable is recommended.</p> <p>*5: Depending on the pan or tilt position, the camera may be reflected in the image.</p> <p>*6: To ensure more safety, AW-HE130W/K can be secured by using the direct ceiling mount bracket (WW-Q105A).</p>