



HD Convertible Camera

AW-HE870E

HD-compatible 2/3 type 3CCD camera

Key Features

1080P HD images

2/3-type CCD

Single channel transfer system



AW-HE870E

<https://eu.connect.panasonic.com/en/products/broadcast-proav/aw-he870e>

Power Requirements	DC 12 V
Power Consumption	18.5 W
Operating Temperature	-10°C to 45°C (14°F to 113°F) (Preheating is necessary for activation below 0°C)
Allowable Humidity Range	20 % to 90 %
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Weight	Approx. 1.2 kg (Approx. 2.65 lbs)
Dimensions (W x H x D)	83 mm x 104.5 mm x 192 mm (3-1/4 inches x 4-1/8 inches x 7-9/16 inches) (excluding protrusions)
Imaging Sensors	2/3 type IT 3CCD
Lens Mount	2/3 type bayonet mount
Optical System	Dichroic prism optical system, F1.4
Gain Selection	-6 dB to 18 dB (1 dB in step), AGC
Electronic Shutter Speed	1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000, ELC, Synchro-scan (50.99 Hz to 1478 Hz)
Colour Bar	FULL
Output Format	1080/50i*, 720/50p*, 576/50i
Registration	0.05 % (Entire screen, excluding effects of lens)
White Balance	AWB A/B (R/B painting), ATW 3 200 K/5 600 K preset
Black Balance	Auto (R/B painting)
Synchronization System	Internal/External synchronization BB (BNC x 1, D-sub 50 pin x 1)
Continuous Output	VIDEO OUT: 1.0 V[p-p]/75½ (BNCx1, D-sub 50 pin x 1)
Video Output	BNC x 1
Standard Accessories	DC cable (3m[9.84 ft]), Mounting screw for wire (Inch screw: 1-1/4.20UNC), Flat washer (Inch screw), Spring washer (Inch screw)
Iris	12 pin round x1
Switched by Menu	Y/PB/PR Y: 1.0 V[p-p]/75 Ω PB/PR: 0.525 V[p-p]/75 Ω (D-sub 50 pin×1) RGB: 1.0 V[p-p]/75 Ω (D-sub 50 pin×1) Y/C Y: 1.0 V[p-p]/75 Ω C: 0.3 V[p-p]/75 Ω (burst) (D-sub 50 pin×1)
Gen Lock In	BNC×1
DC12 V	DC×1
I/F Remote	D-sub 50 pin×1
Standard Illumination, Color Temperature	2 000 lx (F10, 3 200 K)