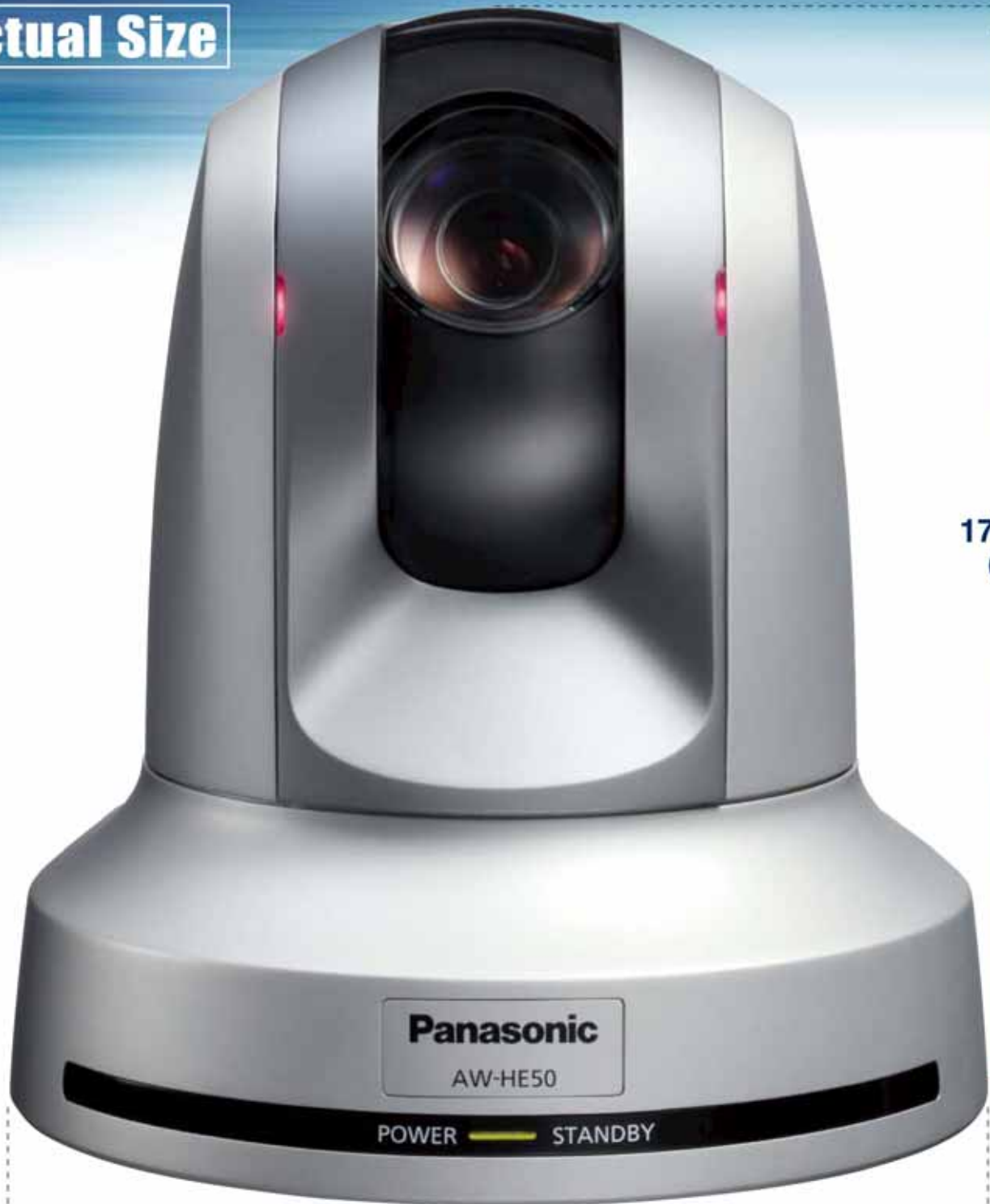


**Actual Size**



178 mm  
(7")

160 mm (6-5/16")

■ Rear  
AW-HE50S



AW-HE50H



# Small and Versatile: 1/3-inch Full-HD MOS Integrated Pan-Tilt/Cameras with Production Quality HD/SD Video



HD Integrated Camera  
**AW-HE50S** **NEW**  
[SDI Model] indoor use only

HD Integrated Camera  
**AW-HE50H** **NEW**  
[HDMI Model] indoor use only

Wireless Remote Control  
(option)  
**AW-RM50**  
(Size "AA" dry battery x 2,  
obtained separately)



Multi-interface Cable  
(option)  
**AW-CA20T6**

Direct ceiling mount bracket  
(option)  
**WV-Q105**



**HD** 1080/59.94i, 720/59.94p  
**SD** 480/59.94i

● 1/3-inch Full-HD MOS Sensor with Optical 18x Zoom Lens & 10x Digital Zoom

● Innovative Features Deliver Realistic,  
Production Quality HD Video

## Dynamic Range Stretch (DRS)

The gamma curve and knee slope are optimized to match the contrast of each pixel in real time. This increases the dynamic range without affecting the normal pixels.



**DRS OFF:** With the iris expanded, this blown highlight appears on the blackboard



**DRS OFF:** With the iris contracted, a blocked shadow appears on the figure



**DRS ON:** Both highlights and shadows are clearly visible

## New Hybrid Digital Noise Reduction (Hybrid DNR)

The innovative New Hybrid (2D/3D) Digital Noise Reduction function also suppresses afterimages, even in difficult lighting conditions.



**Without Noise Reduction**  
Some noise is evident when gain control is turned up



**3D Noise Reduction Alone**  
Afterimage and some loss of resolution is seen



**New Hybrid Digital Noise Reduction**  
Clearer images in difficult conditions

## Flesh Tone Mode

Flesh Tone Mode produces a more pleasing and realistic picture.



**Flesh Tone Mode:OFF** **Flesh Tone Mode:ON**

● The effectiveness may be affected

● In addition to the AW-RP50, conventional camera controllers are connectable

● A maximum of five units can be operated by serial control from one of Panasonic's currently available controllers (AW-RP655 and AW-RP555). (It may be necessary to upgrade the version of the controller in order to support the unit. For details, please contact your distributor.)

● Camera, zoom lens, and pan-tilt in one smart, compact body

● The neutral form fitting in the ambience and the cable cover decreasing untidiness ensure the shooting without spoiling the ambience.

■ Adaptable to a wide range of locations



Wedding Reception



Auditoriums / Legislative halls



Halls / Theaters



Business setting

● Setting camera menus with a PC

● Camera menus can be set up via a web browser by connecting the AW-HE50S/H to a PC.

■ Configuration window on the web browser



### AW-HE50 Main Specifications

	AW-HE50S (SDI Model)	AW-HE50H (HDMI Model)
Imaging Sensors	1/3" Full-HD MOS	
Lens	Motorized 18x zoom, f1.6 to 2.8 (f=4.7 to 84.6 mm, 35 mm equivalent: 36.9 mm to 664.5 mm)	
Focus	Auto/Manual switchable	
Horizontal Resolution	850 TV Lines Typ (Centre area)	
Minimum Illumination	3 lx (50 IRE, F1.6, +36 dB)	
S/N	54 dB Typ	
Gain Selection	Auto, 0 dB, 3 dB, 6 dB, 9 dB, 12 dB, 15 dB, 18 dB	
Storage Mode	0 dB, 6 dB, 12 dB, 18 dB	
Electronic Shutter Speed	Step 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 Syncro-scan 60.24 Hz to 646.21 Hz	
Gamma	Off, Normal (Low, Mid, High), Cinema	
White Balance	AWB A, AWB B, ATW	
Chroma Amount Variability	7 levels variability	
Scene File	FullAuto, Manual1, Manual2, Manual3	
Color Bar	FULL BAR	
Output Format	HD: 1080/59.94i, 720/59.94p SD: 480/59.94i	
Video Output	HD/SD-SDI HD/SD analog component* Composite*	HDMI HD/SD analog component* Composite*
Interface	LAN RS-422 10BASE-T/100BASE-TX, IPv4 RJ45 x 1 AW-series protocol, plus selected third-party support*	
Synchronization System	Internal/External synchronization (BBS)	Internal synchronization
Rotation Range	Pan: ±175°, Tilt: +90° to -30°	
Rotation Speed	Max. 90°/sec. or more	
Quietness	NC35 (at normal speed), NC40 (at fastest speed when preset)	
Power Supply / Power Consumption	DC12 V ±10% (AC adaptor provided), 1.3 A	DC12 V ±10% (AC adaptor provided), 1.2 A
Operating Temperature	0 °C to +40 °C (32 °F to 104 °F)	
Operating Humidity	20% to 90% (no condensation)	
Dimensions (W x H x D)	160 mm x 178 mm x 166 mm (6-5/16" x 7" x 6-9/16") (excluding protrusions, cable cover, direct ceiling mount bracket)	
Weight	Approx. 1.4 kg (3.1 lbs.)	
Standard Accessories	Mounting Bracket (for table or ceiling), Mounting Bracket (for main unit), Mounting Screws, AC Adaptor, Power Cable, Cable Cover	

●Be sure to use the included AC adaptor and power cable.

\*Multi-interface Cable (AW-CA20T6) is required.

●Specifications and functions are subject to change without notice.

●The image on the screen is a composite image. ●Composite images, photographs, and illustrations are included for reference use only.