



**HD Multi-Purpose Camera**

## **AK-HC1800**

High performance, compact model that realizes high picture quality and versatility

### **Key Features**

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High quality HD images

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2/3-type CCD

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Auto tracing white balance



## AK-HC1800

<https://eu.connect.panasonic.com/tr/en/products/broadcast-proav/ak-hc1800>

### General

<b>Power Requirements</b>	DC 12V, 17 W
<b>Operating Temperature</b>	0°C to 40°C (32°F to 104°F)
<b>Storage Temperature</b>	-20°C to 60°C (-4°F to 140°F)
<b>Weight</b>	Approx.1.5 kg (Approx.3.3 lbs)
<b>Dimensions (W x H x D)</b>	90 mm x 117 mm x 160 mm (3-9/16 inches x 4-5/8 inches x 6-5/16 inches) (excluding protrusions)

### Camera Unit

<b>Image Sensors</b>	2/3 type 2.2 mega pixels IT, CCD x 3
<b>Total Number of Pixels</b>	2010 (H) x 1120(V)
<b>Effective Number of Pixels</b>	1920(H) x 1080(V)
<b>Image Sensing Method</b>	GBR Image sensing method
<b>Lens Mount</b>	2/3 type bayonet mount
<b>Optical Prism</b>	F1.4 prism
<b>Optical Filter</b>	ND: CLEAR, 1/4, 1/16, 1/64
<b>M.T.F.</b>	50 % (typ) (27.5 MHz)
<b>Gain</b>	Maximum 72 dB by using gain up circuit, CCD accumulation and horizontal/vertical addition
<b>S/N</b>	60 dB (typ)
<b>Sensitivity</b>	F10: 2 000 lx, 3 200 K white reflection rate 89.9 % (1080/59.94i) F11: 2 000 lx, 3 200 K white reflection rate 89.9 % (1080/50i)
<b>Minimum Illumination</b>	0.015 lx (F1.4/68 dB)

### Input/Output Connector

<b>Video Output</b>	HD-SDI (BNC x 1)
<b>Sync Input</b>	SYNC input (GL input 3 value SYNC/BB)
<b>Camera Connector Control System</b>	D-sub 15 pin x 1 Asynchronous (EIA-422)
<b>Lens Connector 1</b>	Iris control (HIROSE: HR10A-10R12SC)
<b>Lens Connector 2</b>	Zoom/ Focus control (HIROSE: HR10A-10R12PC)
<b>Standard Accessories</b>	Lens cap: 1, Filter: 2, Mounting screw for wire (Inch screw: 1/4-20UNC): 1, Flat washer (Inch screw): 1, Spring washer (Inch screw): 1, Operating instructions

### Note

\*For informations on "Output Signal Format", see page 34.