

Preliminary



# HDR

**4K Option  
available**

**The large sensor provides high sensitivity and video quality alongside excellent cost-effectiveness.  
This studio camera system is designed for use by broadcasting services and can be upgraded to support 4K.**

The AK-HC3900GJ/HC3900GSJ studio camera is designed for use by broadcasting services and is equipped with a large sensor for high sensitivity and video quality. By combining them AK-HCU250PJ/PSJ/HCU250EJ/ESJ Camera Control Units (CCU) and the AK-HRP250GJ Remote Operation Panel (ROP), it is possible to construct a long-distance optical fiber transmission studio camera system at low cost.

With multiple supported formats, including 1080/59.94p and 720/59.94p, the camera can be used for a variety of HD video production purposes. In addition, Native 4K output with horizontal resolution of 2,000 TV lines can be achieved with the 4K upgrade\*<sup>1</sup> (with the 4K optional accessory equipped on the CCU). IP connection between the CCU and ROP is also supported, in addition to serial connection. It also supports PoE power supply\*<sup>2</sup> and offers a flexible video production system that supports sports and live events, which require high operability, in addition to studio shooting.

\*1: Supported via upgrade (additional fee). \*2: Abbreviation of Power over Ethernet.



Worldwide  
Olympic Partner



Worldwide  
Paralympic Partner



# HD Studio Camera AK-HC3900GJ/AK-HC3900GSJ

**AK-HC3900GJ** (Tajimi connector model)

**AK-HC3900GSJ** (LEMO connector model)

HD Studio Camera

(Scheduled for release in the fourth quarter of CY2020)



**Equipped with a large sensor for high-quality video production**

- High sensitivity of F10 (2000 lx) and low noise with an S/N ratio of 62 dB are realized with a large CMOS sensor (in High Sense Mode).
- Supports multiple formats, including 1080/59.94p, 59.94i and 23.98PsF.
- Equipped with lens Chromatic Aberration Compensation (CAC).
- Supports 1/100 second high-speed reading to control rolling shutter distortion.
- Equipped with Dynamic Range Stretcher (DRS) to control black defects and blown-out highlights.
- Equipped with digital extender function (x2).
- Supports HDR/BT.709 in HD mode and HDR/BT.2020 in 4K mode.
- Capable of 4K video output with a horizontal resolution of 2,000 TV lines (with 4K upgrade).
- SD memory card can be used for updating firmware versions.

\* This unit does not support Build-up Units. When using field lenses, a lens supporter from the lens manufacturer and power supply are required.

**AK-HCU250PJ/AK-HCU250EJ**

(Tajimi connector model)

**AK-HCU250PSJ/AK-HCU250ESJ**

(LEMO connector model)

Camera Control Unit (CCU)

(Scheduled for release in the fourth quarter of CY2020)



**Low-cost construction of high video quality, long-distance optical fiber transmission camera systems**

- Uncompressed long-distance transmission between camera and CCU is possible.
- The compact, lightweight unit measures 2U in height and is rack-mountable.
- Supported formats: 1080/59.94p, 50p, 59.94i, 50i, 29.97PsF, 25PsF, 23.98PsF, 720/59.94p, 50p
- With 4K upgrade: Supports 12G-SDI output / 3G-SDI Quad Link output.
- Supports RET input (2 ch for SDI).
- Equipped with 1 intercom line and 2 audio lines.
- Equipped with 3G trunk and 3G prompter circuit between camera and CCU.

**AK-HRP250GJ**

Remote Operation Panel (ROP)

(Scheduled for release in the fourth quarter of CY2020)

**Compact operation panel with IP control and PoE\* support**



- Camera serial control and IP control are possible.
- Panasonic PTZ cameras are also supported.
- Equipped with joystick control lever. IRIS/PEDESTAL operation is possible.
- Equipped with scene file function.
- Equipped with SD memory card slot. Supports saving of user files and firmware version updates.
- Supports IP connection, PoE power supply, and the robust LAN terminal.

\* Abbreviation of Power over Ethernet.

**AK-HVF75G**

17.8 cm (7 inches)

LCD Color Viewfinder



**Lightweight at just 1.8kg, with low power consumption and high resolution. Equipped with advanced assist functions.**

- Equipped with 1280 x 800 (WXGA) resolution 17.8cm (7 inches) color LCD panel.
- Wide horizontal / vertical viewing angle of 176°, screen brightness of 400 cd/m<sup>2</sup> and contrast of 800:1.
- Equipped with focus assist functions (Focus in Red, Pixel to Pixel).
- Direct camera menu control is possible.
- Equipped with three assignable function switches.
- Contrast, brightness, and peaking can be adjusted.
- Tilting (90° up, 60° down) and panning (90° left and right) is possible.

**AJ-CVF25GJ**

87.6 mm (3.45 inches) Color HD EVF

Open two ways for LCD monitor viewing

**Higher resolution and blighter with Newly developed LCD**

**NEW**



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Connected Solutions Company

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For more information, please visit Panasonic web site  
<https://pro-av.panasonic.net/en/qr/>

SP-HC3900PRE

\*Specifications are subject to change without notice.

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Factories of AVC Networks Company have received ISO14001:2004-the Environmental Management System certification. (Except for 3rd party's peripherals.)