

# **Product Information Letter**

Rev.3

**HDC-5500/5000/F5500//3500/3200/3100/3170/P50/P31**

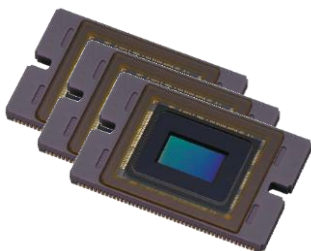
**HDCU-5500/5000/3500/3100/3170**

**Hardware Options & Software Licenses**



## Main Features

### 1. 2/3-inch UHD CMOS imager with global shutter technology [HDC-5500/3500]



This imager is newly developed SONY CMOS imager for UHD resolution. HDC-5500/3200/3500/P50 has 3 imagers with ultra-precision alignment technology used to mount the chips to the prism. This new optical system supports the wide color gamut of ITU-R BT.2020, enabling more precise color reproduction.

### 2. Direct installation of B4 mount lenses

HDC-5500/3500/3200/3100/3170/P50/P31 works directly with B4 lenses. The B4-mount supports both HD and 4K lenses, allowing you to use B4-mount high magnify large lenses to capture sports scenes with a deep depth of field.

### 3. State-of-the-art evolving digital signal processor [HDC-5500/3500/3200/3100/3170/P50/P31]



The DSP LSI developed for the new HDC supports 1080/59.94p and 1080/50p progressive formats, making full use of the high-clarity images captured by the CMOS sensor. In addition, capturing 4K resolution images of UHD/59.94p or UHD/50p is also available as well as high-speed signal processing, which are the great factors for the customers' compact operation.

### 4. UHB (Ultra High Bitrate) optical fiber transmission [HDC-5500]



The newly developed transmission, UHB (Ultra High Bitrate) transmission deliver crisp 4K picture quality and expand the 4K system config with 4K TRUNK/PROMPTER.

### 5. Optical Fiber Transmission [HDC-3500/3200/3100]

The HDC-3500 and HDC-3100 cameras offer an optical fiber transmission capability as standard. This feature enables you to shoot in various capturing formats. It is equipped with a SMPTE-standard optical fiber interface for connecting its associated HDCU-3500/3100, or HDCU-2000 Camera Control Unit. In addition to achieving exceptional quality, these cameras can transmit all digital bi-directional video and audio signals, a control line, and a prompter line over extremely long distance.