CAUTION: To ensure safe operation, please read the instruction manual before using this product.

Hitachi Kokusai Electric Inc.
3-1 Miyuki-cho, Kodaira-shi, Tokyo 187-8511, Japan
Phone: +81-50-3383-3432, Fax: +81-42-322-3270

Hitachi Kokusai Electric Asia (Singapore) Pte. Ltd.
URL: http://www.hitachi-kokusai.com.sg/

Hitachi Kokusai Electric America, Ltd.
Headquarters: 150 Crossways Park Drive, Woodbury, NY 11797, USA
Phone: +1 (516) 921-7200, Fax: +1 (516) 496-3718
West Office: 1154 Monarch Street, Suite H, Garden Grove, CA 92841, U.S.A.
Phone: +1 (714) 939-6216, Fax: +1 (714) 939-6227
Northeast Sales: (Phone: +1 (609) 357-3950 South Sales: (Phone: +1 (914) 521-2264
Midwest Sales: (Phone: +1 (925) 930-4775 Latin / Canada Sales: (Phone: +1 (919) 896-4068

Hitachi Kokusai Electric Europe GmbH
Frankfurt Head Office: Siemensstr. 9, D-63263 Neu-Isenburg, Germany
Phone: +49 (0) 6102-8332-0, Fax: +49 (0) 6102-202616
London Office: 280 High Holborn, London, WC1V 6EX
Phone: +44 (0) 20 7616 0033, Fax: +49 (0) 6102-202616

Hitachi Kokusai Linear Equipamentos Eletrônicos S/A
Head Office: Rua RS-45, Norte A, Km 51 - Bairro Campi - Vila, Santa Maria do Sapucai, 37540-060, RS - Brazil
Phone: +55 (35) 3473-3472, Fax: +55 (35) 3473-3470

Hitachi Kokusai Electric Turkey Elektronik Ürünleri San. ve Tic. A.Ş.
Hitachi Kokusai Electric Turkey Sayıştaki Sanayi A.Ş.
URL: http://www.hitachi-kokusai.com.tr/

Hitachi Kokusai Electric Turkey Elektronik Ürünleri San. ve Tic. A.Ş.
Hitachi Kokusai Electric Turkey Sayısal Sanayi A.Ş.
URL: http://www.hitachi-kokusai.com.tr/

Hitachi Kokusai Linear Equipamentos Eletrônicos S/A
URL: http://www.hitachi-linear.com.br/

Hitachi Kokusai Electric America, Ltd.
Head Office: 150 Crossways Park Drive, Woodbury, NY 11797, USA
Phone: +1 (516) 921-7200, Fax: +1 (516) 496-3718

Hitachi Kokusai Electric Europe GmbH
Frankfurt Head Office: Siemensstr. 9, D-63263 Neu-Isenburg, Germany
Phone: +49 (0) 6102-8332-0, Fax: +49 (0) 6102-202616
London Office: 280 High Holborn, London, WC1V 6EX
Phone: +44 (0) 20 7616 0033, Fax: +49 (0) 6102-202616

Multi-Format HDTV Camera System
SK-HD1000

These Specifications are subject to change without notice.

Hitachi Kokusai Electric
Inspire the Next

Hitachi Kokusai Electric
Multi-Format HDTV Camera System
SK-HD1000
Hitachi's advanced digital signal processing

Each essential part of the Hitachi SK-HD1000 camera system has its own DSP processor. Different DSP ICs are used independently for the HDTV camera head processing, the transmission system and the Camera Control Unit (CCU) processing. The new, power-efficient Hitachi’s DSP processors are designed to work with any new 2K imaging technology that is in the near future thus, offering a high ROI on investment.

An outstanding overall signal-to-noise ratio specification of 60dB is achieved by use of our own low-noise circuit technology. The standard sensitivity is rated at F10 @ 59.94 Hz (SK-HD1000) / F10 @ 50 Hz (F11 @ 50 Hz optionally) (SK-HD1000E) / F11 @ 50 Hz (SK-HD1000SE-S14, SK-HD1000E-S16) with 2000 lx. Even at high gain, clear images are obtained with little noise.

Hitachi’s “Green Products” Global initiative.

Hitachi’s Green Products initiative is defined as products that are environmentally friendly. Products with this initiative provide the advantages of being energy efficient, lightweight and with high performance characteristics.

The ultra-efficient SK-HD1000 are members of Hitachi’s “Green Products” Global initiative.

Digital signal transmission via Hybrid Fiber Optical Cable

The SK-HD1000 camera system utilizes industry standard Hybrid Fiber-optic cable connectors made of high-strength materials that insure durability and reliable performance under the most demanding TV production circumstances. All command audio and video signals and from the camera are digitally transmitted hence, totally immune to EMI / RFI interference. Camera power and cable condition supervision are also performed when using the Hybrid Fiber-Optic Cable (HFOC). Full Auxillary i.e. 4 analog or digital, HD or SD video return and individual Telaporterm facilities are also available with the SK-HD1000 transmission system.

The maximum HFOC length with applied camera power and fully operational facilities is 3,000m (9,840 feet) with no utility power*.

*HFOC distance with applied CCU power differs depending on the system configuration.

Hitachi HD1000 Multi-application HDTV Studio and Field Production Cameras

The SK-HD1000 is the companion portable version designed for hand-held lenses. The SK-HD1000 is Hitachi’s third generation HDTV camera that embodies the latest advanced digital signal processing patents and world-renowned Hitachi technology. It is a high performance, Multi-Standard HDTV studio and field production camera system that satisfies various TV Systems worldwide. One camera system that is now used with 50Hz or 60Hz AC line power regions of the world having both analog and digital signals that comply to the respective countries’ TV Systems. As a standard Feature, the SK-HD1000 is a multi-format output camera system since it is able to output dual formats (SD and HD) at the same time. Optionally available is the ability to perform as a switchable cross-converting HD camera that outputs 1080p (50/59.94 Hz) and 720p (50/59.94) HDTV signal formats and SD at the same time.

High-performance starts with advanced sensors

Hitachi has achieved an incredibly quiet HDTV image which is the foundation for its high performance and excellent picture quality. With the use of NEW 2.3 million pixels, micro-lens array, 1083 CCDs, the SK-HD1000 surpasses the performance of all prior models. These new sensors enable the SK-HD1000 to achieve outstanding low noise, resolution, dynamic range response, sensitivity and ultra low vertical smear characteristics. A high horizontal resolution performance of 1100TVL (Luminance channel) is the trademark of picture sharpness from any camera presently on the market and is an attribute to the claim of having the most transparent signal processing path of any Hitachi digital camera manufactured to date.

16-bit analog-to-digital conversion

The SK-HD1000 takes full advantage of the increased dynamic range output (600%) of the new imagers by using 3 (Red, Green, Blue channel) 16-bit Analog-to-digital converters. These high speed converters are the bridge between the soral output of the CCDs and the advanced Hitachi processor. They assure that every nuance of the image captured and, converted to electrical energy by the sensors is interpreted in the digital domain resulting in faithful image reproduction.

Lens optimization

Real-time Lens Aberration Correction (RLAC)

Modern HDTV lenses can still produce certain optical distortions. One of these called “Lateral chromatic aberration” can be reduced in certain models of lenses with the new SK-HD1000 camera system. The “RLAC” function is called RLAC meaning “Real-time lens-aberration-correction” and it dynamically corrects the image using the correction data provided by the digital interface between the lens and camera.

Luminance response tools

Selectable Gamma Table

In addition to normal gamma point and balance adjustments, the SK-HD1000 offers a multi point gamma table that provides the user with exposure control over just the darkest points in the image. It enables adjustment of the initial gamma gain to optimize the reproduction of dark scene components. Hitachi’s DSP’s assure that no additional noise components are introduced in the image even with the most aggressive Gamma Table settings. Additionally, this function does not change any of the other parameters of the video signal thus maintaining overall exposure, detail, color reproduction and composition.

Gray-scale automatic setup

The SK-HD1000 offers the Gray-scale Automatic Setup function to Optimize the optical parameters that could negatively affect the image quality you are trying to capture such as the latitude of the lens and other characteristics that may be connected and thereby consuming power otherwise available for the camera head.

Lens files

The SK-HD1000 can store 8 lens files which include various lens correction data such as vertical modulation shading. This lens correction data can also be stored in a card (SD card), where it can be recalled when necessary.

Black stretch

The SK-HD1000’s Black stretch function allows for better reproduction of Dark or underexposed areas by evenly raising the luminance response without changing the pedestal or white clip/ knee settings. It is especially useful in high contrast image venues, outdoors or sports production.

Linear and auto-knee

Like the peak video level control function of the white clip, the linear knee function is made up of the actual knee (level compression) point and its slope which improve overexposed portions of the picture by compressing the video past a certain point. These points are user adjustable. The auto knee provides the perception of a wider dynamic range response, sensitivity and ultra-low vertical smear characteristics. A high horizontal resolution performance of 1100TVL (Luminance channel) is the trademark of picture sharpness from any camera presently on the market and is an attribute to the claim of having the most transparent signal processing path of any Hitachi digital camera manufactured to date.

Luminance response tools

Selectable Gamma Table

In addition to normal gamma point and balance adjustments, the SK-HD1000 offers a multi point gamma table that provides the user with exposure control over just the darkest points in the image. It enables adjustment of the initial gamma gain to optimize the reproduction of dark scene components. Hitachi’s DSP’s assure that no additional noise components are introduced in the image even with the most aggressive Gamma Table settings. Additionally, this function does not change any of the other parameters of the video signal thus maintaining overall exposure, detail, color reproduction and composition.

Gray-scale automatic setup

The SK-HD1000 offers the Gray-scale Automatic Setup function to Optimize the optical parameters that could negatively affect the image quality you are trying to capture such as the latitude of the lens and other characteristics that may be connected and thereby consuming power otherwise available for the camera head.

Lens files

The SK-HD1000 can store 8 lens files which include various lens correction data such as vertical modulation shading. This lens correction data can also be stored in a card (SD card), where it can be recalled when necessary.

Black stretch

The SK-HD1000’s Black stretch function allows for better reproduction of Dark or underexposed areas by evenly raising the luminance response without changing the pedestal or white clip/ knee settings. It is especially useful in high contrast image venues, outdoors or sports production.

Linear and auto-knee

Like the peak video level control function of the white clip, the linear knee function is made up of the actual knee (level compression) point and its slope which improve overexposed portions of the picture by compressing the video past a certain point. These points are user adjustable. The auto knee provides the perception of a wider dynamic range response, sensitivity and ultra-low vertical smear characteristics. A high horizontal resolution performance of 1100TVL (Luminance channel) is the trademark of picture sharpness from any camera presently on the market and is an attribute to the claim of having the most transparent signal processing path of any Hitachi digital camera manufactured to date.

Advanced Ergonomics Design

New low center of gravity chassis

Optimized for on-shoulder production

Lightweight, ideal for portable use

SK-HD1000 CA-HF1000 Rear Panel

The SK-HD1000 offers the Gray-Scale Automatic Setup function to Optimize the optical parameters that could negatively affect the image quality you are trying to capture such as the latitude of the lens and other characteristics that may be connected and thereby consuming power otherwise available for the camera head.

Lens optimization

Real-time Lens Aberration Correction (RLAC)

Modern HDTV lenses can still produce certain optical distortions. One of these called “Lateral chromatic aberration” can be reduced in certain models of lenses with the new SK-HD1000 camera system. The “RLAC” function is called RLAC meaning “Real-time lens-aberration-correction” and it dynamically corrects the image using the correction data provided by the digital interface between the lens and camera.

Luminance response tools

Selectable Gamma Table

In addition to normal gamma point and balance adjustments, the SK-HD1000 offers a multi point gamma table that provides the user with exposure control over just the darkest points in the image. It enables adjustment of the initial gamma gain to optimize the reproduction of dark scene components. Hitachi’s DSP’s assure that no additional noise components are introduced in the image even with the most aggressive Gamma Table settings. Additionally, this function does not change any of the other parameters of the video signal thus maintaining overall exposure, detail, color reproduction and composition.

Gray-scale automatic setup

The SK-HD1000 offers the Gray-scale Automatic Setup function to Optimize the optical parameters that could negatively affect the image quality you are trying to capture such as the latitude of the lens and other characteristics that may be connected and thereby consuming power otherwise available for the camera head.

Lens files

The SK-HD1000 can store 8 lens files which include various lens correction data such as vertical modulation shading. This lens correction data can also be stored in a card (SD card), where it can be recalled when necessary.

Black stretch

The SK-HD1000’s Black stretch function allows for better reproduction of Dark or underexposed areas by evenly raising the luminance response without changing the pedestal or white clip/knee settings. It is especially useful in high contrast image venues, outdoors or sports production.

Linear and auto-knee

Like the peak video level control function of the white clip, the linear knee function is made up of the actual knee (level compression) point and its slope which improve overexposed portions of the picture by compressing the video past a certain point. These points are user adjustable. The auto knee provides the perception of a wider dynamic range response, sensitivity and ultra-low vertical smear characteristics. A high horizontal resolution performance of 1100TVL (Luminance channel) is the trademark of picture sharpness from any camera presently on the market and is an attribute to the claim of having the most transparent signal processing path of any Hitachi digital camera manufactured to date.
Color reproduction excellence

- **Triple-masking**
- **Preset Masking**
- **Skin-tone masking**
- **Auto Chroma**
- **Skin-tone control**
- **Skin-tone adjustment**
- **Knee Saturation**
- **Memory and adjustment transfer card**

Picture sharpness enhancement

- **Absolute detail control**
- **Master Detail items**
- **Skin-tone Detail**
- **High-chroma detail**
- **Knee Saturation**

Optical and image capture functions

- **Versatile CCD drive functions**
- **Preset Masking**
- **Skin-tone masking**
- **Auto Chroma**
- **Programmable soft-switches**
- **Viewfinder settings**
- **Viewfinder markers & functions**
- **Spotlight**
- **Floor monitor & Video**
- **Professional Audio connectors**

Easy of use characteristics & functions

- **Viewfinder status displays**
- **Comprehensive cameraperson operation panel**
- **Camera head inputs & outputs**
- **Professional Audio connectors**

Quick focus + Precision Focus (Auto Focus)

The Quick Focus function automatically opens the iris then sets the video level with the electronic shutter. The resulting shallow depth of focus, allows the cameraman to set the exact focus with ease. Lenses with Precision Focus/Auto Focus technology are available upon request.

ECC (Electronic Color Compensation)

Due to the wide gain characteristics of the SK-HD1000, the ECC function compensates for color temperature electronically by providing preset gain to equal color temperature graduations of 3200K, 4300K, 5600K, 6300K and 8000K. The ECC can be controlled by the remote control panel and the base station and appropriate in the setting. The Skin tone to be affected. This function allows the SK-HD1000 to provide an additional color correction (Triple-masking) channel to the overall image color control.

The SK-HD1000 camera system provides 100VA for teleprompter and floor monitor power from the camera head. This is a standard feature available with Fiber and Digital Triax configurations. The MIC-1 channel is switchable with balanced XLR input connector located at the front of the camera (shotgun mic) or at the rear of the CA-HF1000. All microphone input provides phantom power supplies and accept mic or line levels. These IOs satisfy a wide variety of production requirements.

Prompter and floor monitor powers

The SK-HD1000 camera system provides 100VA for teleprompter and floor monitor power from the camera head. This is a standard feature available with Fiber and Digital Triax configurations.

Floor Monitor & Video

The studio floor or talent monitor can be driven with SDI (digital) video for critical viewing by the talent.

Professional Audio connectors

Hitachi uses dependable XLR professional type audio connectors for the 2 intercom Headset and 2 MICLINE audio connections.
The SK-HD1000 camera system can employ 2 different model control units to suit your budget for Studio and Field production. The CU-HD1000-S8 and CU-HD500 optical fiber CCUs (camera control units) can be used worldwide due to their 50/59.94Hz switchable universal power supplies. They furthermore comply with RoHS/WEEE directives.

The CU-HD500 is 84mm high and, of 2 RU EIA 19-inch rack width, weighing 9kg (approx.). The CU-HD1000-S8 additionally has the ability to output 1080i or 720p and is a half-rack size 3RU’s high, weighing 8.5Kg (approx.). All CCUs employ the same control panels, data cables, accessories and peripherals.

The SK-HD1000 camera system can employ Digital Triax System. Hitachi’s Digital Triaxial cable transmission system addresses 2 application requirements posed by our customers worldwide. It is the next best, completely digital, signal transport compared to that using fiber-optic cable. No other HDTV triaxial cable transmission system comes close.

Second, in applications where traditional triax is already in use, substantial savings in the cabling infrastructure can be realized by employing Hitachi HDTV Digital Triax cameras.

Hitachi’s patented Digital Triax System consists of the camera head triax adaptor and the corresponding TU-HD1000 camera control unit.

The main advantages and characteristics are:

- Hitachi’s patented, fully digital, bi-directional signal transmission system
- Employs no RF modulation or modems
- Little to no signal degradation.
- Capitalizes on reduced costs and flexibility of triax/copper cable.
- Includes 1080i (50/59.94) / 720p (50/59.94) cross-converter for HD-SDI outputs
- Built-in, high-performance SDTV up/ down converters
- Provides the same IO’s as the CU-HD1000
- Front panel Optical Power meter
- Simultaneous HD-SDI and SD-SDI outputs
- with 2 channel embedded digital audio
- Analog RGB or Y, B-Y, R-Y component outputs (CU-HD1000-S8)
- 4 auxiliary returns (CU-HD1000-S8)
- Dedicated teleprompter channel and AC power
- ARB-type color bar output
- 2 channel balanced analog Mic audio outputs
- Genlock with composite or tri-level sync
- 2 tally (Red/Green) system.
- 2 channel, 2W/4W intercom system.
- RS-232C remote control
- TCP/IP Network connectivity via RJ45 (CU-HD1000-S8, TU-HD1000, SU-1000 and RU-1500JY)

The SU-1000 Setup Control Unit is used for the adjustment of camera parameters in a multi-camera production environment. This unit provides full control of SK-HD1000 camera systems, utilizing a new touch screen LCD panel to expand control functions. It is connected directly to each CCU in parallel via serial data cable with a distance of up to 100 meters. Up to 12 cameras can be directly connected to the SU-1000 but it can be extended up to 128 camera systems utilizing LAN operation.

The compact and lightweight SU-1000 features Color LCD indicators in the display section to easily identify and access the provided control parameters. The unit is sufficiently small and lightweight enough to be used in space deprived locations such as encountered on a broadcast OB Van.

A full-rack mount adaptor AM-1000 is required when mounting the CU-HD1000-S8 and the TU-HD1000 to the rack.

Remote Control Unit RU-1000VR & RU-1500JY

The RU-1000VR is a compact remote operation panel designed for easy operation of standard camera functions. Iris and master black adjustments employ "VR- type" rotary knob controls and commonly used controls and functions are directly and instantaneously accessible to the video control engineer.

The RU-1500JY is a high performance touchscreen remote operation panel designed for ease of use. Easily adjustable using the 3.5” LCD touchscreen panel and rotary encoders, plus custom switches to further support the professional user in designing a personal workflow. The RU-1500JY provides an integrated SD card slot for transferring user setup and Scene File information, and LAN connectivity for control over an IP network.
ACCESORIES

SA-1000 Studio Adaptor

With consideration to our customers and advancements in production workflows that require hand-held cameras to be used with large lenses in studio or field HD productions, Hitachi offers the SA-1000 studio Adaptor. The SA-1000 serves primarily as a mechanical lens supporter and it also offers these important features:

- The ability to use “Hanger-type” box lenses and “Bayonet-type” hand-held portable lenses without removing the camera from the SA-1000.
- Functions routinely required by the cameraperson in Studio and Field production are brought out from the camera menu system and grouped in the SA-1000’s rear operation panel for easy access.

Hitachi’s efforts at providing an advanced level of studio camera features with this Studio Adaptor include a “Cable-less” and “tool-less” camera interface which increases the systems’ reliability and Hitachi retains the flexibility of having 2 choices for viewfinders when using the SK-HD1000 in this configuration.

Additional lens mounting options for the SA-1000

- LM-B1000/SA-1000 (for Large Box Lens)
- LM-C1000/SA-1000 (for Canon Small Box Lens)
- LM-F1000/SA-1000 (for Fujinon Small Box Lens)
- LM-P1000/SA-1000 (for Portable Lens)

Dockable: One camera body to suit multiple configurations.

- Hybrid Fiber-optic cable Adaptor
- Triax cable Adaptor
- P2: Solid-State HD TV recorder
- (3rd party) Wireless Adaptor

SA-1000 Rear Panel

Studio and Field Production View Finder

The SK-HD1000 camera system offers three choices for Studio or Field production viewfinders. Model VF-L90HD is a color 9-inch TFT-LCD screen and Model HDF-700H is a color 7-inch TFT-LCD screen which are designed for critical color viewing of the image.

TFT-LCD screens are suitable where precise composition and color evaluation of the image are required. The VF-HD500 model is a monochrome 5-inch CRT-type unit that is more suited for Sports and OB applications where high-brightness and contrast are required.

System configuration chart

Microphone SGM-P II
Microphone holder MHR-1000
Viewfinder adaptor AT-951
Viewfinder adaptor AT-90
9-inch Viewfinder VF-L90HD
7-inch Viewfinder HDF-700H
5-inch Viewfinder VF-HD500
Camera control unit CU-HD500
Triax Base station TU-HD1000
Viewfinder adaptor AT-S951
Camera adaptor KA-HF1000
Fiber cable
Triax cable
Remote control unit RU-1000VR/RU-1500JY
Portable Rack Mount Adaptor AM-1000

TFT-LCD screens are suitable where precise composition and color evaluation of the image are required. TheVF-HD500 model is a monochrome 5-inch CRT-type unit that is more suited for Sports and OB applications where high-brightness and contrast are required.
**SPECIFICATIONS**

**SK-HD1000 Camera Head**

<table>
<thead>
<tr>
<th>Feature</th>
<th>SK-HD1000</th>
<th>SK-HD1000-S2</th>
<th>SK-HD1000E-S14</th>
<th>SK-HD1000E-S16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Imaging Device</td>
<td>B&amp;W, 1/3-inch 2.2μm-pixel, W-VGA, 2.7μm-pixel</td>
<td>Balanced Super-Advanced, extra-long R-CUC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Optical system</td>
<td>2/1.4-p.</td>
<td></td>
<td>2/1.4-p.</td>
<td></td>
</tr>
<tr>
<td>Optical Filters</td>
<td>1x motorized filter wheel</td>
<td>w/4 filter positions</td>
<td>1x motorized filter wheel</td>
<td>w/4 filter positions</td>
</tr>
<tr>
<td>SDD Filters</td>
<td>1.3/4-p.</td>
<td></td>
<td>1.3/4-p.</td>
<td></td>
</tr>
<tr>
<td>Sensitivity</td>
<td>150 IRE</td>
<td></td>
<td>150 IRE</td>
<td></td>
</tr>
<tr>
<td>Signal to Noise Ratio</td>
<td>56dB</td>
<td></td>
<td>56dB</td>
<td></td>
</tr>
<tr>
<td>Maximum Number of Memories</td>
<td>256</td>
<td></td>
<td>256</td>
<td></td>
</tr>
<tr>
<td>Electronic Shutter</td>
<td>1x: 1/500 sec</td>
<td></td>
<td>1x: 1/500 sec</td>
<td></td>
</tr>
<tr>
<td>Film Simulation</td>
<td>V</td>
<td></td>
<td>V</td>
<td></td>
</tr>
<tr>
<td>Remote Control</td>
<td>1x: BT.656, 2x: VESA DSC</td>
<td></td>
<td>1x: BT.656, 2x: VESA DSC</td>
<td></td>
</tr>
<tr>
<td>HDTV Tri-Level Sync</td>
<td>0.60Vp-p/75Ω (loop through)</td>
<td></td>
<td>0.60Vp-p/75Ω (loop through)</td>
<td></td>
</tr>
<tr>
<td>Digital Return</td>
<td>4x BNC, HD-SDI or SD-SDI</td>
<td></td>
<td>4x BNC, HD-SDI or SD-SDI</td>
<td></td>
</tr>
<tr>
<td>Analog Return</td>
<td>2x BNC, VS or VBS 1.0Vp-p/75Ω (loop through)</td>
<td></td>
<td>2x BNC, VS or VBS 1.0Vp-p/75Ω (loop through)</td>
<td></td>
</tr>
<tr>
<td>Audio Return</td>
<td>1x BNC, 0.5Vp-p/300Ω</td>
<td></td>
<td>1x BNC, 0.5Vp-p/300Ω</td>
<td></td>
</tr>
<tr>
<td>1x BNC, 0.5Vp-p/300Ω</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prompt</td>
<td>1x BNC, VS or VBS 1.0Vp-p/75Ω (loop through)</td>
<td></td>
<td>1x BNC, VS or VBS 1.0Vp-p/75Ω (loop through)</td>
<td></td>
</tr>
<tr>
<td>Intercom (Headset)</td>
<td>5-pin XLR, -60dBm</td>
<td></td>
<td>5-pin XLR, -60dBm</td>
<td></td>
</tr>
<tr>
<td>Intercom (Headset)</td>
<td>5-pin XLR, -60dBm</td>
<td></td>
<td>5-pin XLR, -60dBm</td>
<td></td>
</tr>
<tr>
<td>Microphones</td>
<td>1x 29-pin (for SA-1000 cable-less interface)</td>
<td></td>
<td>1x 29-pin (for SA-1000 cable-less interface)</td>
<td></td>
</tr>
<tr>
<td>Teleprompter</td>
<td>1x BNC, VS or VBS 1.0Vp-p/75Ω (loop through)</td>
<td></td>
<td>1x BNC, VS or VBS 1.0Vp-p/75Ω (loop through)</td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>102 (W) x 370 (D) x 56.2 (H) mm</td>
<td></td>
<td>102 (W) x 370 (D) x 56.2 (H) mm</td>
<td></td>
</tr>
<tr>
<td>Mass</td>
<td>2.6kg, 5.7lbs.</td>
<td></td>
<td>2.6kg, 5.7lbs.</td>
<td></td>
</tr>
</tbody>
</table>

**SK-HD1000 Flex Camera Adapter**

<table>
<thead>
<tr>
<th>Feature</th>
<th>SK-HD1000F-34H0/3/C40000/4000S0</th>
<th>SK-HD1000F-34H0/3/C40000/4000S0</th>
</tr>
</thead>
<tbody>
<tr>
<td>TV System</td>
<td>2x 19-pin, 29-pin, HD-SDI (Embedded audio available)</td>
<td>2x 19-pin, 29-pin, HD-SDI (Embedded audio available)</td>
</tr>
<tr>
<td>Functions</td>
<td>2x 19-pin, 29-pin, HD-SDI (Embedded audio available)</td>
<td>2x 19-pin, 29-pin, HD-SDI (Embedded audio available)</td>
</tr>
<tr>
<td>pst</td>
<td>2x 19-pin, 29-pin, HD-SDI (Embedded audio available)</td>
<td>2x 19-pin, 29-pin, HD-SDI (Embedded audio available)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>102 (W) x 370 (D) x 56.2 (H) mm</td>
<td>102 (W) x 370 (D) x 56.2 (H) mm</td>
</tr>
<tr>
<td>Mass</td>
<td>9kg, 15.2lbs.</td>
<td>9kg, 15.2lbs.</td>
</tr>
</tbody>
</table>

**CV-L20HD Color Viewfinder**

<table>
<thead>
<tr>
<th>Feature</th>
<th>CV-L20HD</th>
<th>CV-L20HD</th>
<th>CV-L20HD</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRT</td>
<td>5-inch B&amp;W CRT (4:3)</td>
<td>5-inch B&amp;W CRT (4:3)</td>
<td>5-inch B&amp;W CRT (4:3)</td>
</tr>
<tr>
<td>Display Resolution</td>
<td>700TVL</td>
<td>700TVL</td>
<td>700TVL</td>
</tr>
<tr>
<td>Number of pixels</td>
<td>288 (H) x 576 (V)</td>
<td>288 (H) x 576 (V)</td>
<td>288 (H) x 576 (V)</td>
</tr>
<tr>
<td>Functions</td>
<td>Bright, Contrast, Peaking, viewer VR front-facing</td>
<td>Bright, Contrast, Peaking, viewer VR front-facing</td>
<td>Bright, Contrast, Peaking, viewer VR front-facing</td>
</tr>
<tr>
<td>Resolution</td>
<td>1080i</td>
<td>1080i</td>
<td>1080i</td>
</tr>
</tbody>
</table>