

Compact HDTV Color Camera KP-HD20A

Compact body & high sensitivity 0.3lx
1080 interlaced and
progressive video outputs
Real time trigger

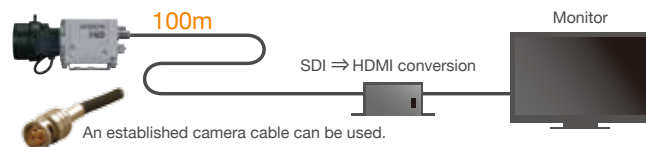


■ Full HD(HD-SDI)for Industrial use

2.1 million pixel RGB Bayer CMOS sensor
External event trigger for machine vision use

■ Coaxial cable transmission

Easy replacement of conventional analogue (PAL/NTSC), camera with this full HD model, since it can transmit HD-SDI signal with existing coax cables.
Approx. 100m transmission is realized by 5C-2V. Coax cable.



■ Small size/light weight / high sensitivity

Compact camera body size (44mm width and height) combined with light weight make this a flexible unit for many applications.
High sensitivity of minimum photographic subject illumination 0.3lx means this camera can be used in many low light situations.

- Non-compressing high definition
- Low delay (less than 16 ms)
Direct monitoring is possible.



The best for an image with many motions.



■ Main Specifications

Imaging device	1/3-inch MOS
Total pixels	2.1M pixels
Video format *	1080·59.94i/50i/30p/25p
Video output	HD-SDI
Transmission distance *	100m (5C-2V use)
Minimum photographic subject illumination *	0.3lx (F1.2/AGC : MAX)
AGC	ON/OFF
Electronic shutter	Fixed/AES
Backlight compensation	ON/OFF (Area to selection is possible.)
White balance control	Auto/Priset/Manual
Contrast compensation	Dark part gray level correction
Lenses	A galvanometer system
Remote control	RS-232C
Lens mount	C/CS mount
Power supply voltage	DC+12V
Ambient, operating	-10°C to +50°C
External dimensions *	Approximately 44(W) x 44(H) x 59(D)mm
Mass *	Approximately 130g (The lens is excluded)

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

These Specifications are subject to change without notice.

Hitachi Kokusai Electric Inc.

Head Office : 14-1, Sotokanda 4-choume, Chiyoda-ku, Tokyo 101-8980, Japan
Phone : +81(0)3-6734-9432, Fax : +81(0)3-5209-5942
URL : <http://www.hitachi-kokusai.co.jp/>

Hitachi Kokusai Electric (Shanghai) Co., Ltd.

Beijing Branch : Room 1415, Beijing Fortune Building, 5 Dong San Huan Bei-Lu, Chao Yang District, Beijing
Phone : +86(0) 10-6590-8755/8756, Fax : +86(0) 10-6590-8757

Hitachi Kokusai Electric America, Ltd. URL : <http://hitachikokusai.us>

Headquarters and: 150 Crossways Park Drive, Woodbury, New York 11797, U.S.A.

Northeast Office : Phone : (+1)516-921-7200, Fax : (+1)516-496-3718

West Office : 11258 Monarch, Unite Garden Grove, CA 92841, U.S.A.
Phone : (+1)310-328-6116, Fax : (+1)310-328-6252

Midwest Sales : Phone : (+1)330-334-4115, Fax : (+1)516-496-3718
Service : (+1)989-345-5379

South Sales : Phone : (+1)850-934-1234
Service : (+1)256-774-3777

Parts Center : Phone : (+1)516-682-4435, Fax : (+1)516-921-0993

Latin Sales : Phone : (+1)516-682-4420, Fax : (+1)516-496-3718

Hitachi Kokusai Electric Canada, Ltd. URL : <http://hitachikokusai.ca>

Head Office : 1 Select Avenue Unit#11 Scarborough, Ontario M1V5J3, Canada
Phone : (+1)416-299-5900, Fax : (+1)416-299-0450

Eastern Office : 5795 Chemin St. Francois St. Laurent, Quebec H4S 1B6, Canada
Phone : (+1)514-332-6687, Fax : (+1)514-335-1664

Hitachi Kokusai Electric Europe GmbH URL : <http://www.hitachi-keu.com>

Sales and Engineering : Siemensstr. 9, D-63263 Neu-Isenburg, Germany
Phone : +49(0) 6102-8332-0, Fax : +49(0) 6102-202616

Frankfurt office : Phone : +49(0) 6102-8332-0, Fax : +49(0) 6102-202616

London office : Windsor House, Britannia Road, Waltham Cross, Hertfordshire EN8 7NX, United Kingdom
Phone : +44(0) 845-121-2177, Fax : +44(0) 845-121-2180
General email address : webmaster@hitachi-keu.com