

Compact HDTV Color Camera KP-HD20A (Tentative name)

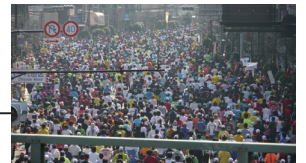
Compact body & high sensitivity 0.3lx
1080 interlaced and progressive video outputs
Real time trigger



Full HD(HD-SDI)for Industrial use

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

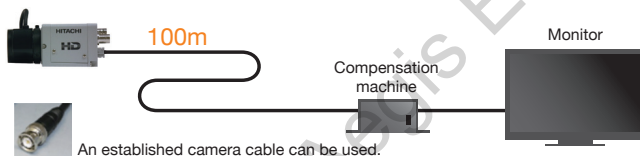
- Non-compressing high definition
- Low delay (less than 16 ms)
- Direct monitoring is possible.



The best for an image with many motions.

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.



Main Specifications

Imaging device	1/3-inch
Total pixels	2.1M pixels
Video format *	1080i 59.94/50,1080P 30/25
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/Preset/Manual
Contrast compensation	Dark part gray level correction
Lenses	A galvanometer system/video signal
Remote control	RS-232C/RS-485
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 79(D)mm
Mass *	Approximately 130g (The lens is excluded)

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.

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