

## Compact HDTV Color Camera KP-HD20AV

**Compact Body**  
**0.05lx Maximum Sensitivity**  
**1080 Interlaced and**  
**Progressive Video outputs**



### Full HD(HD-SDI)for Industrial use

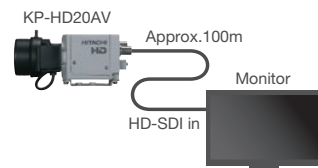
2.5 million pixel RGB Bayer MOS sensor

### Coaxial cable transmission

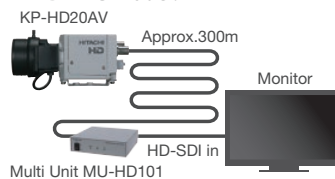
Easy HD replacement for conventional analog (NTSC/PAL) cameras using existing coax cables to output HD-SDI (and HD-VLC) video.

Approx. 100m(HD-SDI mode) or 300m(HD-VLC mode) transmission using 5C-FB or Belden 1695A Coax cable.

※HD-SDI Standard mode :



※HD-VLC mode :



### 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 0.05lx allows use in difficult low light situations.

- Non-compressing high definition
- Low delay (less than 16 ms)
- HD-SDI output
- Accurate motion reproduction



### Main Specifications

Imaging device	1/3-inch MOS
Total pixels	2.55M pixels (2,551,528)
Effective Pixels	2.35M Pixels (2,356,128)
Video format	HD-SDI : 1080i 59.94/50, 1080P 30/29.97 CVBS : NTSC,PAL
Video output	HD-SDI Standard mode : Approx.100m (5C-FB 75Ω) HD-VLC mode : Approx. 300m (5C-FB 75Ω / with Multi Unit (MU-HD101)
Minimum photographic subject illumination	0.05lx (F1.2/AGC : MAX/GAMMA : HIGH)
AGC	ON/OFF
Electronic shutter	Fixed / AES
Backlight compensation	ON/OFF (Area to selection is possible.)
White balance control	Auto/Preset/Manual
Contrast compensation	Optimizes dark areas of the image
Lenses	DC / VIDEO
Remote control	RS-232C
Lens mount	C / CS mount
Power supply voltage	DC+12V
Ambient, operating	-10°C to +45°C
External dimensions	Approximately 44(W) x 44(H) x 59(D)mm
Mass	Approximately 200g (The lens is excluded)

These Specifications are subject to change without notice.

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

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