

Canon

IK-HD1

3CCD HD Video Camera



CANON MEDICAL SYSTEMS USA, Video Sensing Division supports the legendary and market-leading HD 3CCD video camera. Incorporating Canon's unique prism block technology, the IK-HD1 camera delivers impeccably sharp detail from a 1.6" camera head.

The IK-HD1 has been used in a wide range of specialty broadcast and medical imaging applications.



IK-HD1

3CCD HD Video Camera

Camera Head Specifications

IK-HD1

Image Sensor	3CCD – 1/3 inch interlace
Output Resolution	1920 (H) x 1080 (V)
Sensitivity	F6.8 standard (2000 lux)
Minimum Illumination	13 lux (F2.2, Sensitivity + 18 dB)
S/N Ratio	≥ 54 dB
Lens Mount	C-mount
Ambient Temperature	0°C to 40°C (32°F to 104°F)
Ambient Humidity	Less than 90%
Dimensions (excluding protrusions)	32.6 mm (W) x 38.6 mm (H) x 41 mm (D) (1.28" (W) x 1.52" (H) x 1.61" (D))
Weight	65 grams (2.3 oz)

Design and specifications are subject to change without notice.

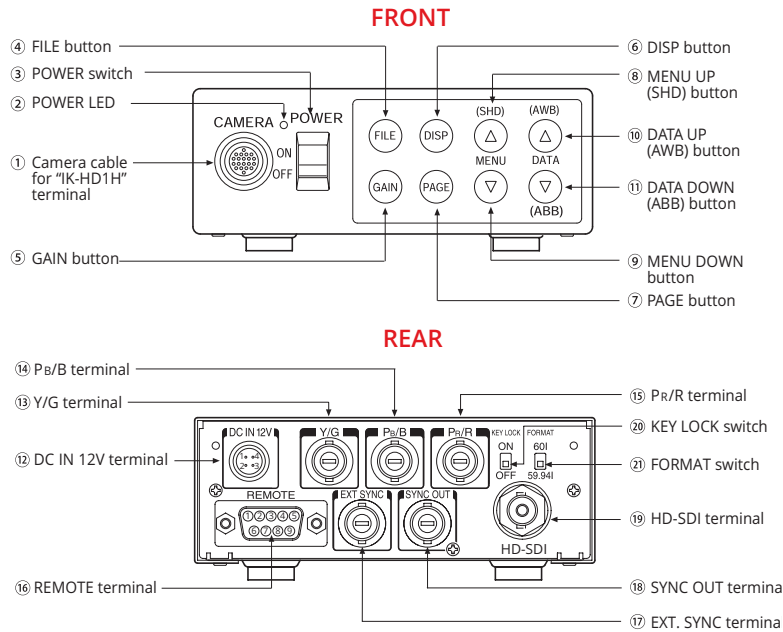
Controller Specifications

IK-HD2C/E

Power Requirements	12V DC ± 10%
Power Consumption	10.3W
Output Signal: IK-HD2C/E	Digital HD-SDI (SMPTE 292M); Analog RGB or Y, P _b , P _r
Frame Rate	30 frames per second
Scene File (user memories)	5 files (A, B, C, D, E)
White Balance	ATW (automatic tracking white balance), AWB (automatic white balance), MANUAL
Gain	AUTO (automatic gain control), MANUAL, OFF (0 dB)
Ambient Temperature	0°C to 40°C (32°F to 104°F)
Ambient Humidity	Less than 90%
Dimensions (excluding protrusions)	110 mm (W) x 40 mm (H) x 186 mm (D) (4.33" (W) x 1.58" (H) x 7.32" (D))

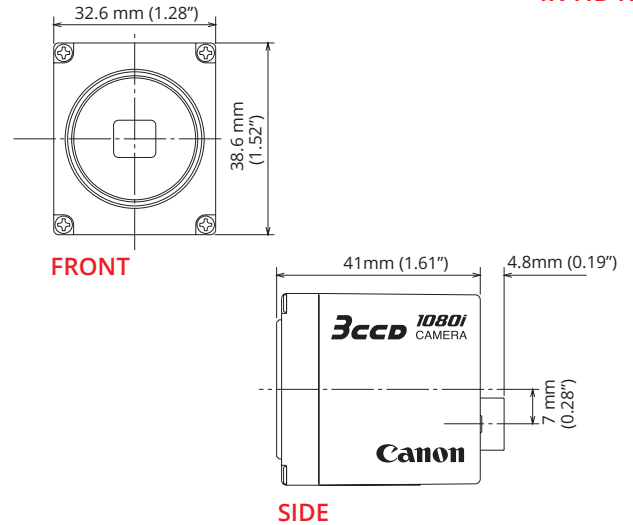
Controller Front and Back Panels

IK-HD2C/E

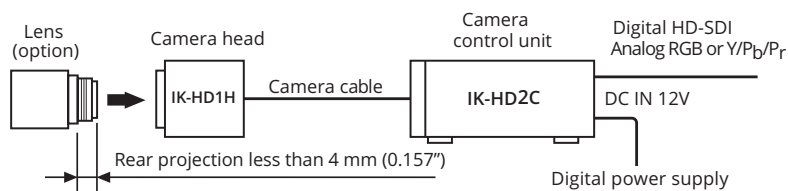


Camera Head Exterior Dimensions

IK-HD1H



Connection



System Components

For further details, contact your Canon ME/FA distributor.

CAMERA HEAD

IK-HD1H

CAMERA CABLE

Model	Length
EXC-HD03	3 m
EXC-HD06	6 m
EXC-HD10	10 m
EXC-HD30	30 m

CAMERA CONTROL UNIT

IK-HD2C	HD-SDI @ 60Hz Output
IK-HD2E	HD-SDI @ 50/60Hz Output

Canon

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