

IK-HD1

3CCD HDTV CAMERA



Features

- 1080i output
- 1920 x 1080 output pixels
- 3CCD (1/3") interlace
- C-mount
- Digital HD-SDI (SMPTE 292M); Analog RGB or Y/P_b/P_r
- RS 232C serial interface
- Auto & manual white balance
- Optional accessories: 3, 6, 10 & 30 meter cables; 4mm or 15 mm lens

Applications

- Scientific imaging / diagnostics
- Specialty broadcast
- Homeland security
- Industrial video / inspection

World's Smallest 3CCD HD Camera Head

Toshiba's HD 3CCD Color Camera System gives you the sharpest, clearest, true color imagery available – from an ultra-compact HD camera system. Our unique prism block technology delivers impeccably sharp detail from a 1.6" camera head. Let Toshiba bring your project to HD life.

TOSHIBA
Leading Innovation >>>

IK-HD1 3CCD HD CAMERA

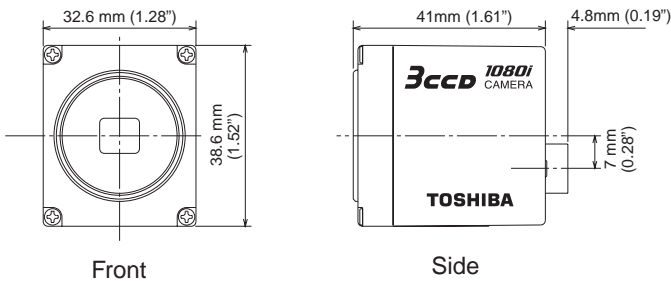
CAMERA HEAD:

SPECIFICATIONS

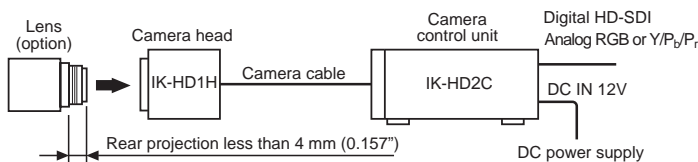
Image Sensor	3CCD – 1/3 inch interlace
Output Resolution	1920 (H) x 1080 (V)
Sensitivity	F6.8 standard (2000 lux)
Minimum Illumination	13 lux (F2.2, Sensitivity + 18 dB)
S/N Ratio	≥ 54 dB
Lens Mount	C-mount
Ambient Temperature	0°C to 40°C (32°F to 104°F)
Ambient Humidity	Less than 90%
Dimensions (excluding 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.

EXTERIOR DIMENSIONS



CONNECTION



SYSTEM COMPONENTS

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

Camera Cable

Camera System

IK-HD1H	Camera Head
---------	-------------

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

Camera Control Units

IK-HD2C	HD-SDI @ 60Hz Output
IK-HD1D	DVI @ 60Hz Output
IK-HD2E	HD-SDI @ 50/60Hz Output

IK-HD2C replaces IK-HD1C; IK-HD2E replaces IK-HD1E.
All controllers are fully compatible with the IK-HD1 Camera Head.

© 2007-2014 Toshiba America Information Systems, Inc. All rights reserved. All products and names mentioned are the property of their respective owners. While Toshiba has made every effort at the time of publication to ensure the accuracy of the information provided herein, product specifications, configurations, prices, system/component/options availability are all subject to change without notice.

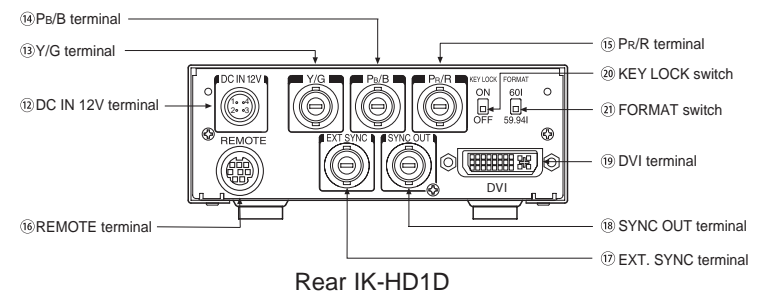
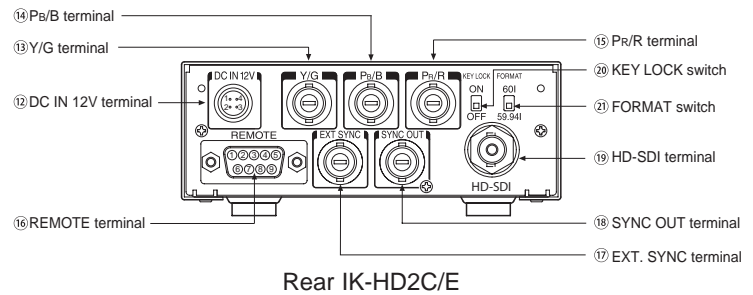
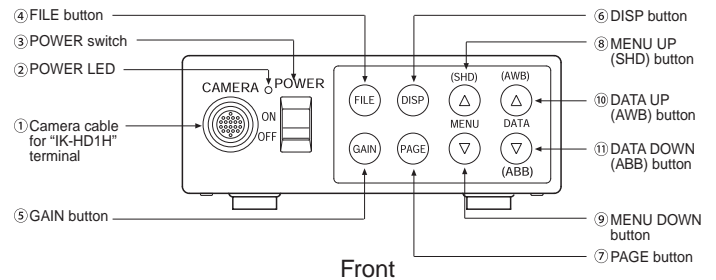
REFER TO OUR WEBSITE FOR THE LATEST UPDATES.

CONTROLLER:

SPECIFICATIONS

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
IK-HD1D	Digital Output DVI (8bitxRGB); 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))

FRONT AND BACK PANELS



TOSHIBA
Leading Innovation >>>

Toshiba America Information Systems, Inc.
Imaging Systems Division
9740 Irvine Boulevard, Irvine, California 92618
www.toshibacameras.com