

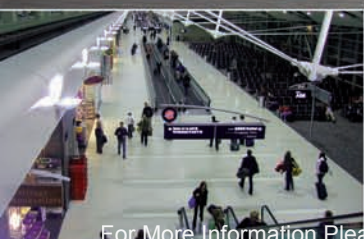
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# IK-HD1D

3CCD HDTV CAMERA



### Features

- 1080i output
- 1920 x 1080 output pixels
- 3CCD (1/3") interlace
- C-mount
- DVI-D (Digital DVI-terminal); RGB or Y/Pb/Pr (BNC-terminal)
- 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

### True High-Definition from the World's Smallest Camera Head.

Toshiba's HD 3CCD Color Camera System gives you the sharpest, clearest, true color imagery available – from the most compact HD camera on the market. 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-HD1D

3CCD HD CAMERA

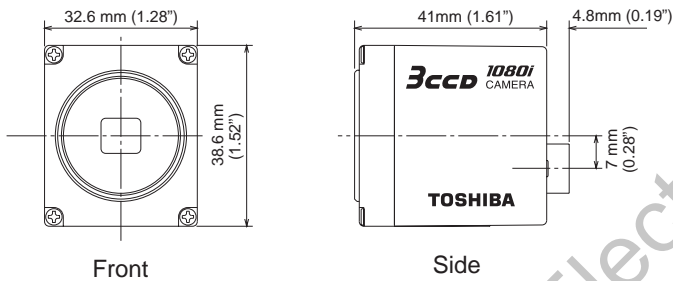
## CAMERA HEAD:

### 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	32.6 mm (W) x 38.6 mm (H) x 41 mm (D)
Weight	65 grams (2.3 oz)

Design and specifications are subject to change without notice.

### EXTERIOR DIMENSIONS

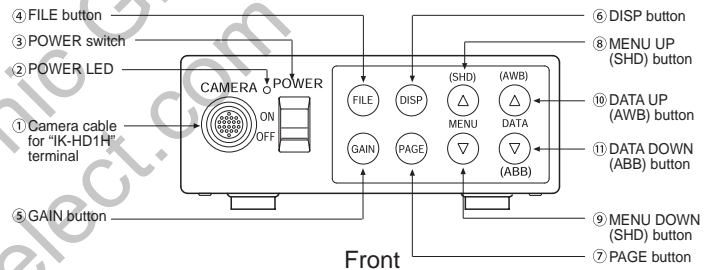


## CONTROLLER:

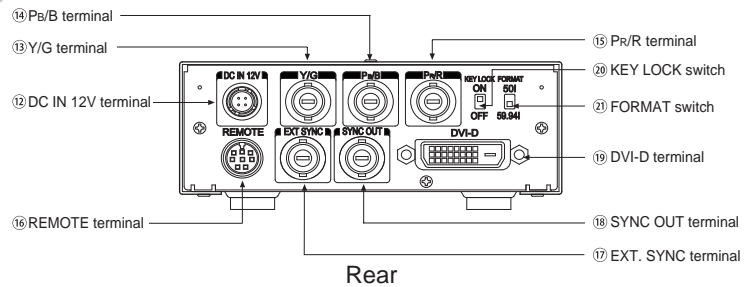
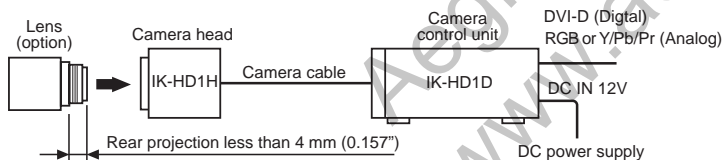
### SPECIFICATIONS

Power Requirements	12V DC ± 10%
Power Consumption	10.3W
Output Signal	DVI-D (Digital RGB); Y/Pb/Pr or RGB (Analog)
Scan Frequency	H:33.7kHz V:59.94Hz / H:28.1kHz V:50Hz
Scene File (user memories)	5 files (A, B, C, D, E)
White Balance	ATW (automatic tracing 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	110 mm (W) x 40 mm (H) x 186 mm (D)
Weight	730 grams (1.61 lbs)

### FRONT AND BACK PANELS



### CONNECTION



### SYSTEM COMPONENTS

For further details, contact your Toshiba Europe distributor.

#### Camera System

Model	Description
IK-HD1H	Camera Head
IK-HD1D	Camera Control Unit

#### Camera Cable

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