

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

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.

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Leading Innovation >>>
 Imaging Systems Division

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

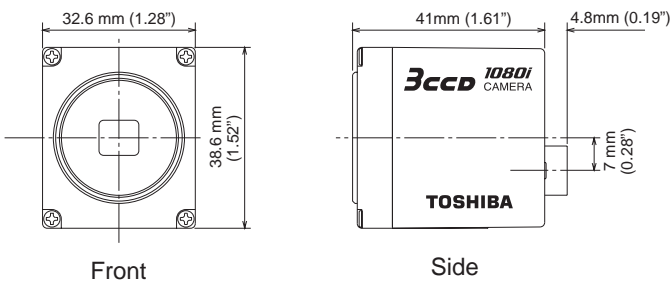
Design and specifications are subject to change without notice.

CONTROLLER:

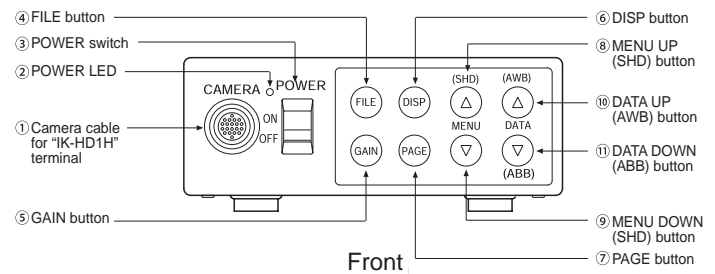
SPECIFICATIONS

Power Requirements	12V DC ± 10%
Power Consumption	10.3W
Output Signal	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 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)

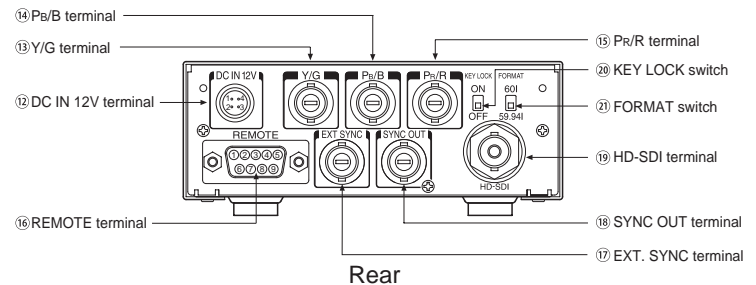
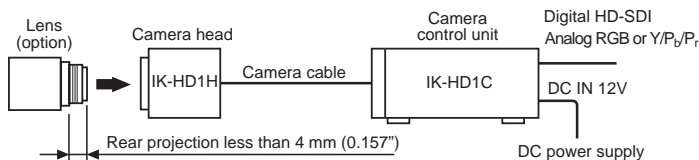
EXTERIOR DIMENSIONS



FRONT AND BACK PANELS



CONNECTION



SYSTEM COMPONENTS

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

Camera System

Model	Description
IK-HD1H	Camera Head
IK-HD1C	Camera Control Unit

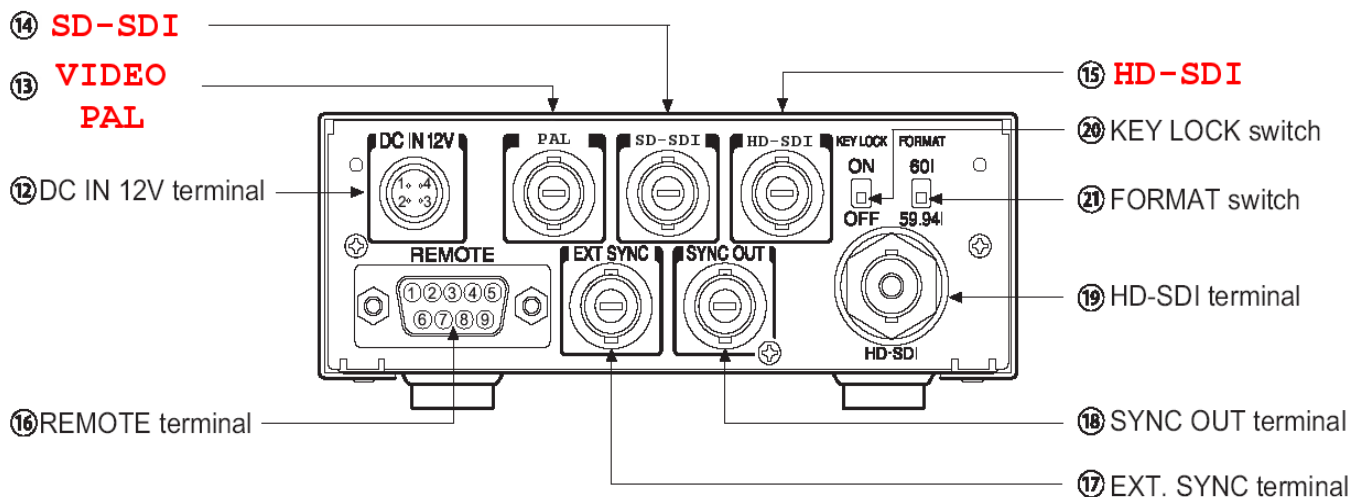
Camera Cable

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

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Paluche HD 16/9 multi sorties



Caractéristiques

Capteur	3CCD 1/3" entrelacé
Résolution	1920 (H) x 1080 (V) pixels
Signal de sortie (Format 16/9)	2x HD-SDI (SMPTE 292M) 1x SD-SDI 1x PAL composite
Sensibilité mini	13 lux (F :2.2 + 18 dB)
Balance des Blancs	ATW, AWB, Manuel
Gain	Auto, Manuel, OFF
Dimensions de la tête	32.6 (l) x 38.6 (H) x 41 (P) mm
Poids de la tête	65 g.
Dimensions du CCU	110 (L) x 40 (H) x 186 (P) mm
Poids du CCU	730 g.

L'adaptation des sorties sur le CCU **TOSHIBA** de la HD1 permet aujourd'hui l'utilisation de celle-ci en SD-SDI et en PAL composite. Une deuxième sortie HD-SDI permet le contrôle du signal HD-SDI sur un moniteur d'appoint. Le format 16/9 sur ces trois nouvelles sorties élargit le champ d'action de cette caméra déjà très performante.



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Accessoires

Format 4/3	Option (sur demande)
Alimentation	AC-M601E 110/220V - 12V
Cordon Batterie	GT-CORD ALTX
Caisson étanche	GT-CAIET1/10M
Rotule de Fixation	MAN484
Objectif (Fujinon)	2.8 - 4 - 8 - 15 - 25 mm
Objectif HD	HAF-4.8DA1
Câble	EXT 503 - 506 - 510

Utilisateurs :

- Chaînes TV
- Productions
- Images embarquées
- Caméras cachées
- Loueurs