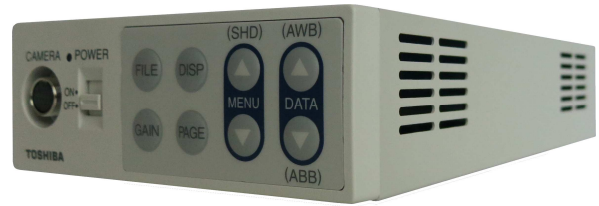


Key Features:

- **One CCU for both Micro Camera Heads**
- **Full HD 1920 x 1080 Output**
- **Progressive/Interlace Scan**
- **DVI-D (Digital RGB) Output**



Specification

IK-HD3D Camera Control Unit

Scanning System	Progressive/Interlace
Scan Frequency	Horizontal : 67.433kHz, Vertical : 59.94Hz (1080p/59.94) Horizontal : 56.250kHz, Vertical : 50Hz (1080p/50) Horizontal : 33.716kHz, Vertical : 59.94Hz (1080i/59.94) Horizontal : 28.125kHz, Vertical : 50Hz (1080i/50)
Sensitivity	F11 standard (2000 lx, 3000K at 50Hz); F10 standard (2000 lx, 3000K at 59.94Hz)
Minimum Illumination	4.0 lx at 50 Hz (Binning ON) F2.2, sensitivity +20dB; 8.0 lx (Binning OFF) F2.2, sensitivity +20dB 4.8 lx at 59.94Hz (Binning ON) F2.2, sensitivity +20dB; 9.6 lx (Binning OFF) F2.2, sensitivity +20dB
S/N Ratio	56 dB standard (GAIN 0dB, DNR OFF, DTL Gain0, GAMMA OFF, Matrix OFF and C.TEMP 5600K; during light elimination)
Output Signal	DVI (Digital RGB); DVI-D Terminal
External sync input	SYNC 3 values $\pm 0.3V \pm 6dB$ 75 Ω unbalanced BNC connector Horizontal: 67.433 kHz $\pm 35ppm$, vertical 59.94Hz $\pm 35ppm$ (at 1080p/59.94Hz) Horizontal: 56.250 kHz $\pm 35ppm$, vertical 50Hz $\pm 35ppm$ (at 1080p/50Hz) Horizontal: 33.716 kHz $\pm 35ppm$, vertical 59.94 Hz $\pm 35ppm$ (at 1080i/59.94Hz) Horizontal: 28.125 kHz $\pm 35ppm$, vertical 50 Hz $\pm 35ppm$ (at 1080i/50Hz)
Sync signal output	SYNC 3 values $\pm 0.3V \pm 0.1V$ 75 Ω unbalanced BNC connector Horizontal: 33.716 kHz $\pm 35ppm$, vertical 59.94 Hz $\pm 35ppm$ (at 59.94Hz) Horizontal: 28.125 kHz $\pm 35ppm$, vertical 50 Hz $\pm 35ppm$ (at 50Hz)
Interface	Serial data interface (compliant with RS-232C)
White Balance	AWB (Automatic White Balance); MANUAL
Gain	AUTO (Automatic gain control); MANUAL (Manual); OFF (0 dB)
Scene file	A,B,C,D,E
Power Supply	DC 12V $\pm 10\%$
Power Consumption	Approx. 11.4 W (including camera head) (with the power supply voltage of 12V)
Weight	Approx. 610g (1.35 lbs)
Dimensions	110mm (W) x 40 mm (H) x 186 mm (D)
Ambient Temperature	0 to 40° C (32 to 104° F)
Ambient Humidity	Less than 90% (non condensing)

Optional parts	
	IK-HR3H Remote Camera Head (1/3 inch CMOS)
	IK-HD3H Remote Camera Head (1/3 inch 3CMOS)
	AC-M601E Power Supply (medical)
	PSU-12V-1.5A Power Supply (non medical)
	EXC - 3HD03 (Approx. 3m camera cable)
	EXC - 3HD06 (Approx. 6m camera cable)
	EXC - 3HD10 (Approx. 10m camera cable)
	EXC - 3HD15 (Approx. 15m camera cable)

Design and specifications are subject to change without notice.