

Toshiba

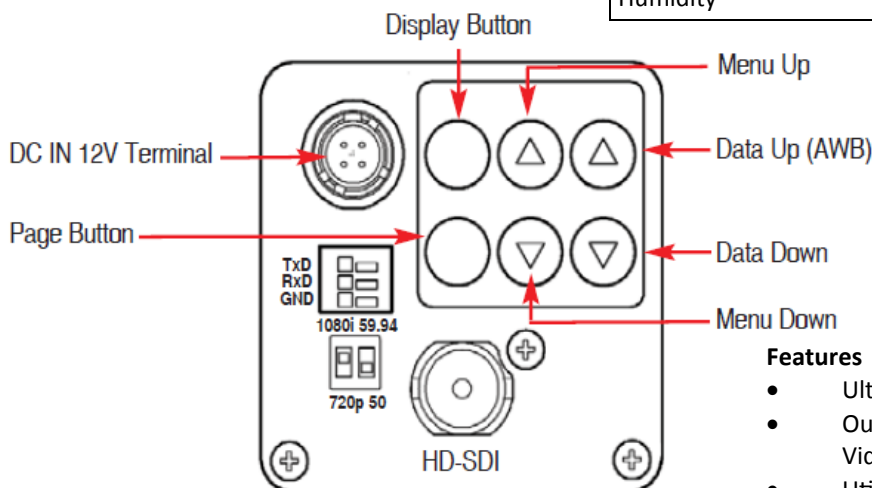
IK-HR1S



One-Piece 1080i/720p High Definition Camera.

Toshiba's new IK-HR1S colour camera provides incredible high definition video with the flexibility of switchable 1080i or 720p output. This compact, one-piece camera is ideal for high speed and broadcast imaging, producing little or no motion artefacts. From land, air or sea, let Toshiba bring your project to HD life.

Power Requirements	12 VDC \pm 10% DCIN connector (4pin)
Power Consumption	Approx. 4 watts
Image Sensor	1/3" progressive scan CMOS
Output Pixels	Horizontal: 1920, Vertical: 1080
Scanning System Sync / Freq	Progressive (720p)/ Interlaced (1080i) Switchable 720p @ 60 fps; 1080i @ 30 fps H: 33.716 kHz, V: 59.94 Hz (1080/59.94i setting) H: 28.125 kHz, V: 50 Hz (1080/50i setting) H: 44.955 kHz, V: 59.94 Hz (720/59.94p setting)
Sensitivity	f/4 standard (2000 lux, 3000K)
Min. Illumination	8 lux standard (50 IRE, ft.4, gain + 18 dB)
Frame Rate	30 fps (1080i), 60 fps (720p)
Video Signal Output	HD-SDI (SMPTE292M), 0.8 V (p-p) Standard
Sync. System	Internal
Dimensions	1.75" x 1.75" x 3.0625"
Weight	4.3 oz.
Operating Temperature	0°C to + 40°C
Storage Temperature	-20°C to + 60°C
Humidity	90% or less (non-condensing)



Features

- Ultra compact (approx. 1.75" x 1.75" x 3") one-piece system
- Output selectable between 1080i and 720p at 50 or 60 Hz Video
- Utilizes 1/3" CMOS 2.1 megapixel sensor
- On-screen menu
- Weighs only 4.3 oz. (without lens)
- HD-SDI Video Output
- Auto and manual white balance
- Auto and manual electronic shutter
- C-mount lens ready