

Ikegami

HD
High Definition

Preliminary

Advanced Technology

Full Digital Super Slow-Motion HDTV Camera

HDL-40HS



- Latest CMOS Sensors
- HD Picture Quality
- Fully Digitalized Circuits
- Dual Link HD-SDI Output
- Compact and Light Weight Construction with Low Power Consumption

HDTV
Super Slow-Motion

720/120P

Advanced Technology
Full Digital Super Slow-Motion HDTV Camera
HDL-40HS

Features

■ Latest CMOS Sensors

The HDL-40HS employs full resolution CMOS sensors, operating at 120 frames per second capture rate. It achieves superb HDTV slow-motion pictures with the specified server system.

■ HD Picture Quality

Sampling at 1280 x 720 produces a limiting resolution of 700TVL.

■ Fully Digitalized Circuits

Dual 12-bit digital outputs from the CMOS sensors are fed directly to dual digital processing 0.18 μ m ASICs, each equivalent to 3.3 million gates. The analog preprocessor in the camera is eliminated producing a total digital solution. The fully digital stream through the camera to the HD-SDI output assures signal integrity, repetitive high picture quality and stable reliability.

■ Dual Link HD-SDI Output

720/120p via dual link HD SDI is connected to the server for slow-motion replay. Standard 720p out is available for live use.

■ Compact and Light Weight Construction with Low Power Consumption

Weighs just over 3 lbs. and draws about 16 watts of power. These characteristics together with an overall compact size make the camera ideal of POV applications. Fiber extension and system accessories for telephoto lenses and portable use allow the camera to work in additional applications.

Ratings / Performance

S/N	54dB
Horizontal Resolution	700TVL
Optical Filter	3200K,5600K,5600K+1/8ND, 5600K+1/32 ND
Gain Control	0dB,+6dB,+12dB,+18dB,+24dB,+30dB
Electric Shutter	Available
Operating Temperature	-10? ~ +45? (+14F.- +112F.)
Operating humidity	30% ~ 90% (Non-condensing)
Power Requirements	DC12V(11- 16V)
Power Consumption	Approx. 16W
Weight	Approx. 1.4kg (3.09 lbs) (Without VF, handle)
Dimensions	W90 \times H103 \times D180mm (3.54" \times 4.06" \times 7.09" inches)



Design and Specifications are subject to change without notice.

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