

HV-HD33HDTV
HD-SDI/SD-SDI

1/3" 3MOS

1080•59.94i/50i (16:9),
720•59.94p/50p (16:9),
480•59.94i (16:9), 576•50i (16:9),
480•59.94i (4:3), 576•50i (4:3)

720 TV Line

65(W) × 65(H) × 125(D)mm

■ New MOS sensors with improved sensitivity rise of 6 dB.

■ Multi format HDTV SDTV output

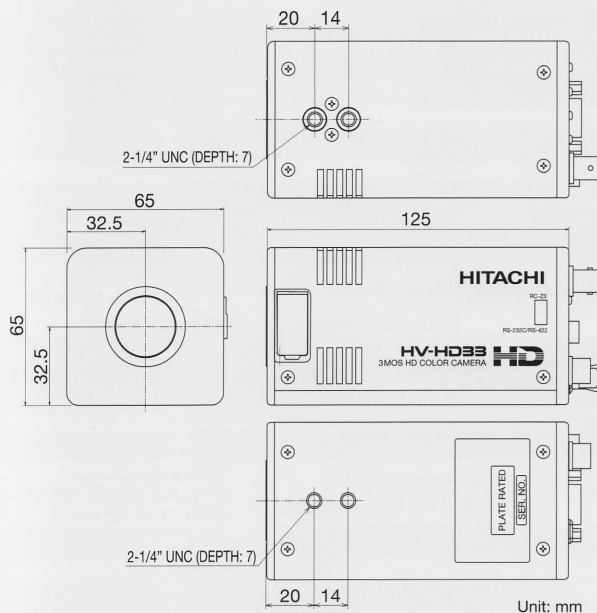
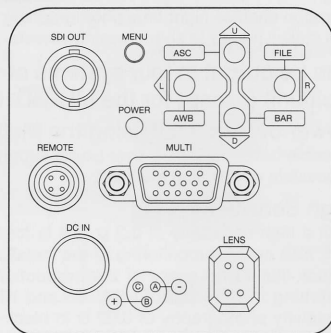
1080 • 59.94i/50i (16:9)	720 • 59.94p/50p (16:9)
480 • 59.94i (16:9)	576 • 50i (16:9)
480 • 59.94i (4:3)	576 • 50i (4:3)

■ Digital serial output
HD-SDI/SD-SDI 1 output

■ 6 color independent masking & Luminosity independent linear masking

■ Negative positive conversion & Right and left reversing

■ Camera control RS-232C/RS-422 remote controller RC-Z3



Unit: mm

Output format	HDTV 1080•59.94i/50i (16:9), 720•59.94p/50p (16:9), SDTV 480•59.94i (16:9), 576•50i (16:9) 480•59.94i (4:3), 576•50i (4:3)
Imaging device	1/3" 3MOS
Total pixels	1376(H) × 1070(V)
Effective pixels	1280(H) × 720(V)
Actual image area	4.80 mm (H) × 3.84 mm (V)
Imaging system	R. G. B. 3MOS
Optical system	1/3" F2.2 prism
Lens mount	C-mount (flange back 17.526 mm in air)
Horizontal resolution	720 TV Line (HD-SDI output, Center of Screen, DTL: OFF, Ych)
Standard sensitivity	F8.0 (2000 lx, 3200K)
Minimum illumination	10 lx (F2.2, Gain: 15 dB, Gamma: ON)
S/N	53 dB (HD-SDI output Decode, Ych, 30 MHz)
Registration	All screen 0.05% (Without lens Characteristic)
Gain	0 dB to +15 dB 1 dB step
Shutter	Preset 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 Variable 1/60 to 1/11238 (59.94i/p mode, 1H (approx. 23 ms) step) 1/50 to 1/9375 (50i/p mode, 1H (approx. 28 ms) step)
Gamma	0.45 (ON) / 1.0 (OFF)
Scene file	4 Scene file
Color bar	ARIB bar
Power supply voltage	DC 12 V (10.5 V to 15 V)
Power consumption	approx. 8 W
Dimensions	65 mm (W) × 65 mm (H) × 125 mm (D)
Mass	420 g (except lens)
Ambient temperature	Operating -10 to 40°C Storage -20 to 60°C
Standard composition	• DC in plug: R03-P3F • Lens plug: E4-191J-100

System Configuration (example)