

HITACHI

COMPACT DIGITAL COLOUR CAMERA

1/2" 3xCCD,470.000 Pixel,13-18 bit Digital Signal Processing,10 bit A/D,800 TVL



NEW

HV-D15 STUDIO

COST EFFECTIVE VIDEO PRODUCTION SOLUTION



**NEW
MULTICORE STUDIO
ADAPTER & BASE STATION
WITH
OPTIONAL BUILT IN
COMPONENT SDI CONVERTER;
UP TO 100 M MULTICORE
TRANSMISSION.
VIDEO,POWER, DATA
TALLY,INTERCOM
FULL
CAMERA REMOTE CONTROL**

SPECIFICATIONS: HV-D15 & STUDIO ADAPTER

Color System	PAL
Optical System	1/2" F1,4 prism
Pickup System	RGB,3xCCD
Imaging devices	CCD equivalent to 1/2" pickup tube
No of total pixels	795 (H) x 596 (V)
No of effective pixels	752 (H) x 582 (V)
Sync System	Internal or genlock (automatically switched)
Horizontal resolution	800TVL (Y at center)
Signal to noise ratio	61dB (Gamma:1, DTL:off, Gain:0dB, DNR:on)
Standard sensitivity	2000 Lx ,F8
Minimum Sensitivity	1.Lx
Gamma correction	0,35 to 1,0 (ON/OFF)
Preset color temperature	3200K
Electronic filter	3200K,5600K
Vertical contour correction	2H
Lens mount	Bayonet (Flange focal distance:35,74mm)
Gain selector	AGC (0 to +20dB) Norm/High/Max.Ultra gain
Electronic shutter	Preset Mode:1/100 to 1/10.000 (7 step) Lock scan mode: 1/50.38 to 1/253.8 in 1H step Auto electronic shutter:off to 1/1,000s
Picture distortion	Total: 0% (not including lens characteristics)
Registration	Total: 0,05% (not including lens characteristics)
Detail control	DTL level and frequency
Dimensions	360 (W) x 125 (H) x 90 (D)
Mass	6,9 Kg (HV-D15+STUDIO ADAPTER+GM-51/AT-21) excluding lens
Operating temperature	-10 to 45 °C
Storage temperature	-20 to 60 °C
Power supply Voltage	12 V rated (camera head only)
Power consumption	Approx. 8 W (Camera head only)

INPUT / OUTPUT SIGNALS

26 PIN MULTI CONNECTOR
Genlock input
Tally In
Intercom in
Control Data (SD IN)
Control Data (SD OUT)
12V IN (up 40m cable 24 V in)
12V OUT
R/R-Y/C Output
G/Y Output (SDI OUT with A/D Converter only)
B/B-Y output
Sync Out

OTHER INPUT AND OUTPUT CONNECTORS

Intercom (XLR3)
Viewfinder
Lens
Video out (BNC)
12V Out (only by studio version)



RC-Z3 REMOTE CONTROL UNIT

Hitachi compact size Remote control unit with rotary knob , Camera can be easily adjusted by the LED switches and setup Menu on screen.

Direct Control items with HV-D15

BAR/CAM	R.GAIN
WHITE BAL	B.GAIN
GAIN	R BLK
DTL	B.BLACK
IRIS MODE	IRIS
SHUTTER(ON/OFF)	M.BLK
CONTRST(ON/OFF)	A.WHT
ULTRA GAIN(ON/OFF)	A.BLK
ENABLE(ON/OFF)	SCENE FILE

Other controls item are set from screen Menu with using FUNCTION buttons

Major specifications

Serial data output:	1.5Vp-p
Maximum cable length:	200m (Cable equiv.to HC-5B2)
Power supply :	9 to 15VDC (supplied from camera)
Power consumption:	0.5W approx.
Dimensions and mass:	116(W)x128(H)x60(D)mm,500g approx.

RU-H15 BREAK OUT BOX (SMALL CCU)



Specification

RGB, R-Y/B-Y ,Y OUTPUTS (SDI-OPTIONAL)
VBS BNC OUTPUT (OPTIONAL)

GENLOCK IN (BNC) Loop-through
INTERCOM/TALLY (XLR-5)

4 PIN CONNECTOR FOR REMOTE CONTROL
26 PIN CAMERA MULTI CORE CONNECTOR

19" ,1U RACK
220V AC POWER INPUT

GM-51 STUDIO VIEWFINDER

Hitachi High performance and high Resolution ,5-Inch Viewfinder

Specifications

CTR:	VS 1Vpp, sync negative
Input signal:	5 inch black and white
Power requirement:	12 VDC
Resolution:	700 TVL or more
Maximum brightness:	1100ft-L or more
Deflection linearity:	1 % at center ,2% or less at corners (picture height)
Geometric distortion:	2% or less
Dimensions and weight:	140(W)x138(H)x252(D)mm 1,8kg
Power consumption:	7,6W approx.
Operating temperature :	-10 to 50°C
Storage temperature:	-20 to 60°C