

Ikegami



1/2 Inch 3CCD One piece Digital Processing Box-type Camera

HC-250

The HC-250 employs 1/2 inch CCDs and continues Ikegami's broadcast-quality tradition in box-camera design. Digital technology provides high-quality pictures for improved shooting conditions such as : point-of-view documentation, image analysis, high-end inspection, and any video production.

HC-250

Features

●Reliable digital technology

Ikegami's broadcast quality digital processing technology is used in the optical block and video processing circuits.

This results in high resolution, high sensitivity and high quality picture.

●Gain-up selection

Up to 36dB gain-up provides good video reproduction under low light conditions. Minimum sensitivity 0.7Lux available at +36dB gain-up.

●Preset and Variable Shutter

The preset shutter has six speeds(1/100, 1/120, 1/250, 1/500, 1/1000 and 1/2000 seconds). Variable speeds can be set between 1/60.3 and 1/201 seconds.

●Black stretch

The black stretch function avoids excessive dark areas in high contrast scenes. With three settings(3, 5 and 7%), this enables improvements in dark areas in the picture by lifting the image level of only low brightness areas.

●Remote control

Connecting with external remote controller RCU-240 etc., remote control is available via remote control terminal on system connector.

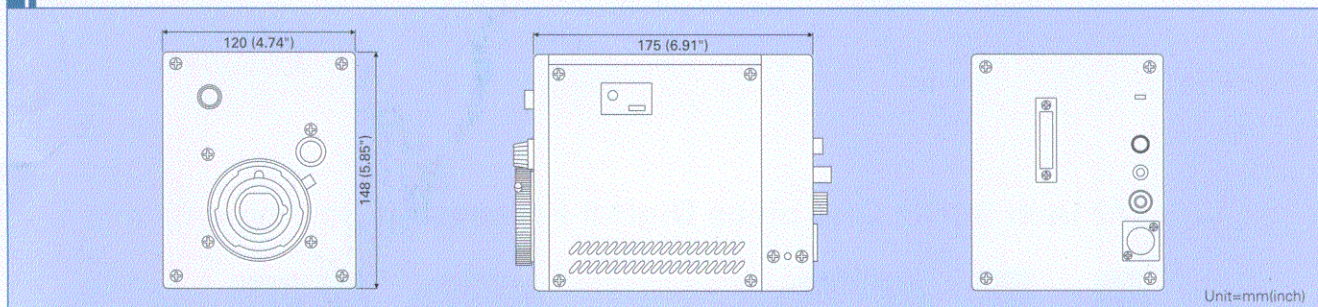
●Various video outputs

1ch each of VBS(NTSC), MON, RGB/Component, RGB is output via system connector allows various system applications. Another 1ch of MON is output from BNC connector, which could indicate camera condition and markers for video monitoring.

Rating / Performance

Optical System	RGB Prism / F1.4
Image Sensor	1/2inch IT, 3-CCD
Effective Number of Pixels	380,000 pixels approx.
Total Number of Pixels	410,000 pixels approx.
Scanning System	2:1 Interlace, 525TVL, 60 Field(30 Frame)/sec.
Lens Mount	1/2 inch Bayonet
Optical Filter	3000K, 5600K+1/8ND, 5600K, EFFECT
Sensitivity	F9.6/2000Lux(3000K)
Minimum Illumination	F1.4/0.7Lux with +36dB
Horizontal Resolution	700TVL approx. at center
Vertical Resolution	480TVL approx. Super-V on 400TVL approx. Super-V off
S/N	-63dB(Gamma off, DTL off, Chroma off)
Smear Level	-120dB(Gamma off)
Electric Shutter(Preset)	1/100, 1/120, 1/250, 1/500, 1/1000 and 1/2000(sec.)
Variable Shutter	1/60.3 ~ 1/201(sec.)
Registration Error	Less than 0.5% in entire area
Aspect Ratio	4:3
Auto Function	Auto White Balance, Auto Black Balance, Auto Iris and Auto Knee
Gain-Up	-3, 0, +6, +9, +12, +18, +30, +36dB
Input Signal	External Sync Signal: VBS 1.0Vp-p 75ohm or Genlock: BBS 0.45Vp-p 75ohm(System Connector)
Output	Video Output: VBS 1.0Vp-p 75ohm(System Connector) Monitor Output: VBS 1.0Vp-p 75ohm(System Connector) Monitor Output: VBS 1.0Vp-p 75ohm(BNC Connector) *2ch Monitor Output is not available simultaneously. Component Output: Y 1.0Vp-p 75ohm(System Connector) PR/PB 0.756Vp-p 75ohm(System Connector) RGB Output: V 0.7Vp-p 75ohm(System Connector) Sync 2.0Vp-p 75ohm(System Connector)
Operating Voltage	DC12V(11~16V)
Power Consumption	14W approx.
Ambient Temperature	-10°C~+40°C(+14°F ~ +104°F)
Weight	2.0kg(4.4lbs) approx.
Dimensions	W120 x H148 x D175mm(W4.74 x H5.85 x D6.91 inches)

Dimensions



Design and specifications are subject to change without notice.

Ikegami IKEGAMI ELECTRONICS (U.S.A.), INC. ■ URL <http://www.ikegami.com>

I130A023-MA-3 Printed in Japan

HEADQUARTERS 37 BROOK AVENUE, MAYWOOD, NJ 07607
Phone: (201) 368-9171 Fax: (201) 569-1926

WESTCOAST OFFICE 20603 EARL STREET, TORRANCE, CA 90503 Phone: (310) 370-2400 Fax: (310) 370-7131

SOUTHWEST OFFICE 526 BLUEBIRD LANE, RED OAK, TEXAS 75154 Phone: (972) 869-2363 Fax: (972) 556-1057

MIDWEST OFFICE 747 CHURCH ROAD, UNIT C4 ELMHURST, IL 60126 Phone: (630) 834-9774 Fax: (630) 834-8689

SOUTHEAST OFFICE 5200 N.W. 33RD AVENUE, SUITE 111 FORT LAUDERDALE, FL 33309 Phone: (954) 735-2203 Fax: (954) 735-2227