

Ikegami

Extended Optics Digital Portable CCD Camera

HL-59WNA



Photo courtesy, FLIR Systems

The HL-59WNA is a multifunctional high-performance digital processing camera that enables you to shoot at various camera angles by separating the optical block from the camera body.

The distance between the camera body and optical block can be extended to 20m.

The camera section is designed based on the HL-59W, a broadcast-quality 10-bit digital processing camera, so it delivers high image quality with rock-solid stability.

Switchable operation between 16:9 and 4:3 is also supported.

The optical block is compact and light weight.

It achieves a minimum illumination of 0.25lx/f1.4 (with +42dB gain-up).

It is ideally suited for helicopter gyro-stabilized systems and point-of-view applications on mobile vans.

HL-59WNA

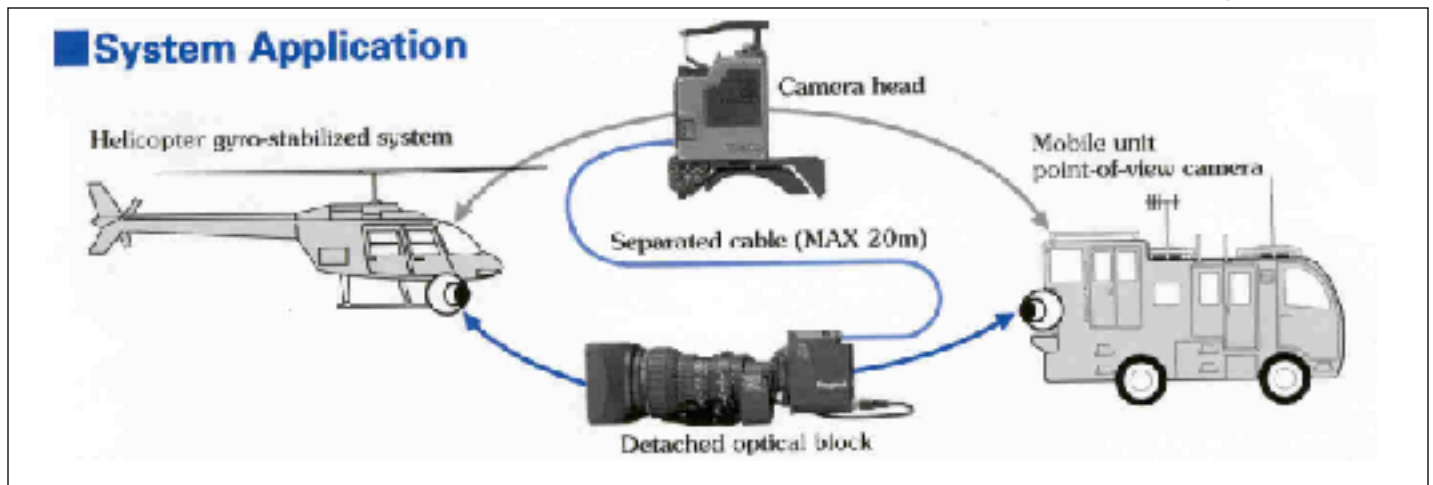
Extended Optics Digital Portable CCD Camera

z Features

- 1 Even when the camera body and optical block are separated from each other, you can operate as usual with the easily accessible camera switches. It is ideally suited for operation in gyro-stabilized camera systems.
- 1 It employs newly developed 520,000-pixel IT CCD image sensors. It assures excellent performance even in 16:9 extended mode of operation : modulation depth of 70%, sensitivity of f11, S/N ratio of 62dB or more, with smear of 120dB.
- 1 With newly developed digital processing ASICs, the processes subsequent to PRE KNEE are all digitized. High image quality is attained at all times with digital-specific stability.
- 1 The operation is readily switchable between 16:9 and 4:3.
- 1 Hper Gain function achieves a minimum illumination of 0.25 lx/f1.4 (with +42 dB gain-up).
- 1 Various digital DTL functions, such as Variable Boost Frequency (variable in steps), Diagonal DTL (contour correction in diagonal direction), and Skin DTL are incorporated to facilitate flexible and creative videography.
- 1 Compact remote control panel, RM-11WNA equipped with basic operating controls.

z Specifications

Lens Mount	Bayonet mount
Optical Filter	3000K, 5600K, 5600K+1/32ND
Image Sensor	520,000-pixel 2/3" IT CCD X 3
S/N	62dB (Optical block is separated/16:9)
Sensitivity	2000 lx /f11(3000K, reflection 89.9%) 0.25 lx /f1.4 (Minimum illumination)
[Input Signal]	
External Sync	VBS :1Vp-p±6dB/BBS:0.45Vp-p±6dB, 75 Ω
Return Video	VBS or VS:1Vp-p, 75 Ω
Mic	-60dB 600 Ω balanced (Combined with Optical Block)
[Output Signals]	
Video	Composite VBS 1Vp-p 75 Ω, 1 ch system connector (with CA-57A: BNC 1ch, TEST/Remote connector 1ch) Component (Y,R-Y,B-y) 1 ch system connector (with CA-57A:VTR connector 1ch) R,G,B signal 0.7Vp-p each 75 Ω, 1ch system connector (with CA-57A:TEST/Remote connector 1ch) Composite VBS /Y/ R+G+B / R,G,B BNC 1ch/system connector 1ch (with CA-57A:BNC 1ch, TEST/Remote connector 1ch) 0dBm 600 Ω balanced (with TA-55A)
Monitor	70% (When optical block is separated/ 16:9) 50% (When optical block is separated/ 4:3) 1/60 (OFF), 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000 Variable Shutter: 1/60.3~1/1311sec.
Audio	
Modulation Depth (5MHz)	
Shutter	
Ambient Temperature	-20°C ~ +50°C (-4F° ~ +122F°)
Power Consumption	Approx.18W
Dimensions (WHD)	Camera Head without Optical Block: W96 X H230 X D155mm (W3.78 X H9.06 X D6.10 inches) Detached Optical Block: W72 X H101 X D75mm (W2.83 X H3.98 X D2.95 inches)
Weight	Camera Head without Optical Block:2.6kg (5.73lbs) Detached Optical Block: 0.65kg (1.43 lbs)



Design and specifications are subject to change without notice.

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