

Small Head, Ultra High Resolution Progressive Scan Camera

SKC-151



SKC-151 is a small and a compact, frame shutter monochrome camera adopting a 1/1.8" 2.01 million pixel CCD to achieve an ultra high resolution picture of 1,628 x 1,236 at 12 frames per second. This camera is suitable for the display inspection of more high-resolution need.

Features

- ◆ 1/1.8-inch 2.01M Square Pixel CCD adopted.
H1,628 x V 1,236 pixels
- ◆ Built-in the upper smear cut function
- ◆ Small and Light Weight
W46 x H42 x D84mm, 200g (0.44 lbs)
- ◆ Built-in the frame shutter function
- ◆ Remote control via RS-232C
- ◆ Built-in three types of Random Shutter Modes,
Preset shutter mode, Pulse width Input mode,
2T Pulse mode.
- ◆ Built in AGC (Auto Gain Control), Gamma Correction
function (1.0 / 0.45).
- ◆ Analog out or Digital Out (LVDS)
- ◆ Rugged housing.

Main specifications

CCD:	1/1.8" Interline CCD
Cell size:	4.4(H) x 4.4(V) μ m
Lens mount:	C-Mount
Flange back:	Adjustable
Output signal:	
Analog	12Hz non interlace, with Sync
Digital	12Hz non interlace, EIA-644 10bit
Video output:	
Analog	VS 1.0Vp-p/75 Ω
Digital	EIA-644 CLK rate 28.640MHz
Scanning:	1/12 second Non interlace
Sync:	Internal/External Auto switching
Sync frequency:	H: 14.917KHz/ V: 11.93Hz
External sync:	HD/VD TTL input
S/N:	Better than 50dB (Gain 0dB, γ = 1)
Min illumination:	0.8 lux/F1.4 (Gain+24dB, shutterOff)
Gain:	AGC ON/OFF or Manual 0 ~ 24dB
Gamma:	ON (γ = 0.45) / OFF (γ = 1)
Shutter speed:	1/12 ~ 1/15,000 (13 steps)
Power:	DC12V (11 ~ 16V), Less than 5W

*Specifications are subject to change without notice.