

**SSCDC50A****1/2" High Resolution EXWAVE HAD CCD Camera****Broadcast and Professional**

**Description:**

1/2" high resolution EXWAVE HAD CCD camera (768H x 494V). 470 lines horizontal resolution. 2x sensitivity compared to conventional cameras (0.8 lux at F1.2, 50 IRE Turbo Gain AGC ON; 0.4 lux at F1.2, 30 IRE Turbo AGC ON). Wide range CCD Iris (1/60 to 1/100,000 sec). C/CS mount capability. Accepts video or DC type auto iris lenses. DC 12V or triple multiplex (video, power, sync) capability via optional YS-W150 or YS-W250.

Model Number: SSCDC50A

Model Name: 1/2" High Resolution EXWAVE
HAD CCD Camera

Price: \$905.00 (U.S. List)

Features:

ATW Pro White Balance: Highly accurate color reproduction

Backlight Compensation: Allows usable video in areas of bright backlighting

High Resolution: 470 lines of resolution

Turbo AGC: Electronic gain useful in low light situations

EXWAVE HAD® CCD Imager: Achieves over 2x sensitivity compared to conventional cameras

Highlights:

- 1/2" High resolution EXWAVE HAD® CCD (768 x 494)
- 470 lines of horizontal resolution
- EXWAVE HAD® achieves over 2x sensitivity compared to conventional cameras
- 0.8 lux at F1.2 (50 IRE, Turbo AGC ON) or 0.4 lux at F1.2 (30 IRE, Turbo AGC ON)
- Smear level of -120dB; results in 1/50 the amount compared to current cameras
- Excellent S/N - better than 50 dB (Weight ON)
- Backlight compensation by Smart Control®
- Preset Auto Exposure (AE) settings
- ATW Pro/ATW/AWB/Preset color temperature settings
- Composite and Y/C outputs
- Full genlock capability
- Wide range CCD Iris® (1/60 to 1/100,000 sec.)
- C/CS Mount
- Accepts Video or DC auto iris lenses
- DC 12V or Triple multiplex (video, power, sync) capability via optional YS-W150 or YS-W250

Specifications:

Pickup Device:

1/2" EXWAVE HAD Interline Transfer CCD

Picture Elements (H x V):

768 x 494

Lens Mount:

C/CS

Signal System:

NTSC

Scanning System:

525 lines, 2:1 interlaced

Color Mode:

AWB/ATW/ATW Pro/Preset 5600°K

Sync System:

Internal/External

Extrenal Sync:

VS, VBS, & Multiple VS via optional YS W150/W250

H-Phase Control:

Yes

SC Phase Adjustment:

360° with 1/180° switch

Horizontal Resolution:

470 TV lines

Signal to Noise Ratio:

Over 50dB (AGC OFF, Weight ON)

Minimum Illumination:

0.4 lux at F1.2 (30 IRE)

0.8 lux at F1.2 (50 IRE)

AGC:

On/Off/Turbo AGC™ switchable

CCD Iris®:

On/Off selectable (1/60 to 1/100,000 sec.)

Video Output:

Composite, BNC x 1, Y/C, Mimi-Din x 1

Electronic Shutter:

Variable, 8 settings

Backlight Compensation:

Smart Control

plus 7 preset areas

Power Requirements:

DC 12V, or multiplex via optional YS-W150/YS-W250

Power Consumption:

4.5W (DC 12V), 5.5W (Multiplex)

Weight:

1 lb. 5 oz. (600 grams)

Dimensions (W x H x D)

(mm):

2 1/2" x 2 1/4" x 5 3/8"

(64 x 57 x 137)

Accessories:

Optional: YSW150

If you are interested in purchasing this product, call our Business Information Center, 1-800-686-7669, from 8:30AM - 9:00PM EST Monday through Friday, and an agent will be available to assist you on all your product related questions.