

SENTECH

Sentech High-Sensitivity, Low Light CCD Cameras

Sentech has introduced a new series of High Sensitivity cameras. If your application or system could benefit by having an excellent image quality with significantly less light, this product set will be interesting to you. The board-level products are available with a micro, CS, or C lens mount. Cased cameras are available in CS or C-Mount (adapter may be required).

High-Sensitivity Board-Level, Monochrome CCD Cameras (available in EIA or CCR)



STC-H130

- 1/3" B/W CCD (510 x 494)
 - 380 TVL
 - 0.03 Lux F1.2, Gain On, 50 IRE
 - 35 (W) x 35 (H) mm Board
- All specifications except for min. illumination are the same as the STC-130 series. Please see page 18.



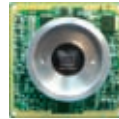
STC-H170

- 1/3" B/W CCD (768 x 494)
 - 570 TVL
 - 0.06 Lux, F1.2, Gain On, 50 IRE
 - 45 (W) x 45 (H) mm Board
- All specifications except for min. illumination are the same as the STC-170 series. Frame integration is not available. Please see page 19.



STC-H172

- 1/2" B/W CCD (768 x 494)
 - 570 TVL
 - 0.02 Lux, F1.2, Gain On, 50 IRE
 - 45 (W) x 45 (H) mm Board
- All specifications except for min. illumination are the same as the STC-170 series. Frame integration is not available. Please see page 20.



STC-H160

- 1/3" B/W CCD (768 x 494)
 - 570 TVL
 - 0.06 Lux, F1.2, Gain On, 50 IRE
 - 45 (W) x 45 (H) mm Board
- All specifications except for min. illumination are the same as the STC-160 series. Please see page 18.



STC-HR170

- 1/3" B/W CCD (768 x 494)
 - 570 TVL
 - 0.06 Lux, F1.2, Gain On, 50 IRE
 - 45 (W) x 45 (H) mm Main Board
 - 15 (W) x 25 (H) mm CCD Board
- All specifications except for min. illumination are the same as the STC-170 series. Frame integration is not available. Please see page 19.

High-Sensitivity, Board-Level Color CCD Cameras (available in NTSC or PAL)



STC-HN63

- 1/3" Color CCD (768 x 494)
 - 480 TVL
 - 0.14 Lux, F1.2 Gain On, 50 IRE
 - 32 (w) x 32 (h) mm Board
- All specifications except for minimum illumination are the same as the STC-160 series. Please see page 41.



STC-H620

- 1/2" Color CCD (768 x 494)
 - 480 TVL
 - 0.25 Lux, F1.2, Gain On, 50 IRE
 - 45 (W) x 45 (H) mm Board
- All specifications except for minimum illumination are the same as the STC-620 series. Please see page 42.



STC-H640

- 1/4" Color CCD (768 x 494)
 - 480 TVL
 - 0.5 Lux, F1.2, Gain On, 50 IRE
 - 45 (W) x 45 (H) mm Board
- All specifications except for minimum illumination are the same as the STC-620 series. Please see page 42.



STC-H530

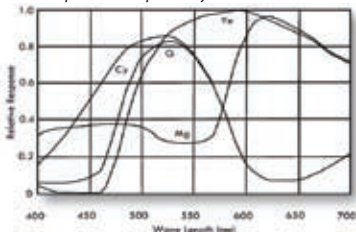
- 1/3" Color CCD (510 x 494)
 - 330 TVL
 - 0.13 Lux, F1.2, Gain On, 50 IRE
 - 45 (W) x 45 (H) mm Board
- All specifications except for minimum illumination are the same as the STC-530 series. Please see page 42.



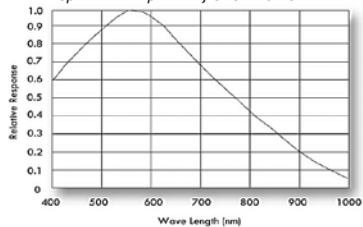
STC-H630

- 1/3" Color CCD (768 x 494)
 - 480 TVL
 - 0.24 Lux, F1.2, Gain On, 50 IRE
 - 45 (W) x 45 (H) mm Board
- All specifications except for minimum illumination are the same as the STC-630 series. Please see page 42.

Spectral Response of STC-H630 Camera



Spectral Response of STC-H160 Camera



All Sentech "H" version cameras incorporate Sony ExView HAD CCD (TM) sensors. ExView HAD CCD is a trademark of Sony Corporation.

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Sentech High-Sensitivity, Low Light CCD Cameras

High-Sensitivity, Cased Monochrome CCD Cameras



STC-H131BT

- 1/3" B/W CCD (510 x 492)
 - 380 TVL
 - 0.03 Lux F1.2, Gain On, 50 IRE
- All specifications except for minimum illumination are the same as the STC-131 series. Please see page 21.



STC-H160BC

- 1/3" B/W CCD (768 x 494)
 - 570 TVL
 - 0.06 Lux, F1.2, Gain On, 50 IRE
- All specifications except for minimum illumination are the same as the STC-160 series. Please see page 22.



STC-H172BC

- 1/2" B/W CCD (768 x 494)
 - 570 TVL
 - 0.02 Lux, F1.2, Gain On, 50 IRE
- All specifications except for minimum illumination are the same as the STC-160 series. Please see page 23.



STC-H400 Series (H400 / H400L / HSS400)

- 1/2" B/W CCD (768 x 494)
 - 570 TVL
 - 0.03 Lux F1.2, Gain On, 50 IRE
- All specifications except for minimum illumination are the same as the STC-400 series. Frame integration is not available. Please see page 24.



STC-H720

- 1/2" B/W CCD (768 x 494)
 - 570 TVL
 - 0.04 Lux, F1.2, Gain On, 50 IRE
- All specifications except for minimum illumination are the same as the STC-700 series. Frame integration is not available. Please see page 25.

STC-H730

- 1/3" B/W CCD (768 x 494)
 - 570 TVL
 - 0.06 Lux, F1.2, Gain On, 50 IRE
- All specifications except for minimum illumination are the same as the STC-700 series. Frame integration is not available. Please see page 25.

High-Sensitivity, OEM Color Cameras



EGE-F-H22N

- 1/2" Color CCD (768 x 494)
 - 480 TVL
 - 0.25 Lux, F1.2, Gain On, 50 IRE
- All specifications except for minimum illumination are the same as the EGE-F series. Please see page 52.

EGE-F-H32N

- 1/3" Color CCD (768 x 494)
 - 480 TVL
 - 0.25 Lux, F1.2, Gain On, 50 IRE
- All specifications except for minimum illumination are the same as the EGE-F series. Please see page 52.

EGE-F-H42N

- 1/4" Color CCD (768 x 494)
 - 480 TVL
 - 0.5 Lux, F1.2, Gain On, 50 IRE
- All specifications except for minimum illumination are the same as the EGE-F series. Please see page 52.

High-Sensitivity, Cased Color CCD Cameras



STC-HN63

- 1/3" Color CCD (768 x 494)
 - 480 TVL
 - 0.14 Lux, F1.2 Gain on, 50 IRE
- All specifications except for minimum illumination are the same as the STC-160 series. Please see page 44.



STC-H530

- 1/3" Color CCD (510 x 494)
 - 330 TVL
 - 0.10 Lux F1.2, Gain On, 50 IRE
- All specifications except for minimum illumination are the same as the STC-500 series. Please see page 46.



STC-H620

- 1/2" Color CCD (768 x 494)
 - 480 TVL
 - 0.25 Lux F1.2, Gain On, 50 IRE
- All specifications except for minimum illumination are the same as the STC-500 series. Please see page 46.



STC-H630

- 1/3" Color CCD (768 x 494)
 - 480 TVL
 - 0.24 Lux F1.2, Gain On, 50 IRE
- All specifications except for minimum illumination are the same as the STC-500 series. Please see page 46.



STC-H640

- 1/4" Color CCD (768 x 494)
 - 480 TVL
 - 0.5 Lux F1.2, Gain On, 50 IRE
- All specifications except for minimum illumination are the same as the STC-500 series. Please see page 46.