



### Introduction

The VCS - 850 cameras delivers the absolute best imaging performance in low light. How good? It is documented to be up to TEN TIMES as powerful in low light than conventional monochrome cameras.

Plus, the resolution is 550 horizontal lines, so you will capture images in ultra sharp detail! Indoors or outdoors. The VCS - 850 combines an advanced 1/3-inch CCD along with lighting-fast shutter speeds to assure excellent image clarity. That means there is no need for an auto iris lens for use outdoors. That saves you time and money. Here is another huge advantage: the camera's nine-mode programmable backlight compensation lets you easily target one part of the picture grid, like a cash register or an ATM, to sample light levels, resulting in brighter images where you need them most.



### Main Features

- Advanced Menu Driven Set-UP is fast, easy and accurate.
- 0.015 lx F1.2 Sensitivity is simply the best in the business.
- EZ Back focus adjustment makes for easy, hassle-free installations.
- Delivers ultra-sharp 570 lines of horizontal resolution for imaging excellence you can see.
- Compact size allows installation into smaller housings.
- 50dB signal-to-noise ratio is ideal for digital video recording.
- Programmable Back-Light compensation gives you four user-selectable zones.
- Dynamic Range Boost increases dynamic range by 40%.
- High-speed shutter (1/60 ~ 1/100,000sec) operates outdoors without auto-iris lenses.
- 12VDC or 24VAC operation for added versatility.

### Technical Specification

- Pick-UP Element: 1/3" Interline Transfer
- Effective Picture Elements: NTSC ~ 811 (H) x508(V)
- Resolution: 480 TVL Horizontal
- Minimum Illumination: 0.15 lx at F1.2
- Lens Mount: CS
- Backlight Compensation: Yes
- S/N Ratio: 50dB
- TV System: EIA Standard 2:1 Internal
- Sync System: Line-Lock / Internal
- Gamma Compensation: Auto
- Shutter Control: AES (1/60 ~ 1/100,000)
- Video Output: VS x 1 Vp-p /BNC(75.unbalanced)
- AGC: ON / OFF
- Ambient Temperature: -10°C ~ 55°C
- Mounting Method: 1/4-inch x 20 Threaded Hole (Top & Bottom)
- Tripod Mount Hole: Provided (TOP and Bottom)
- Power Supply: AC 24V ± 10%, 60Hz ± 1Hz /50Hz (INT Mode) 12VDC
- Power Consumption: 3.5W
- Dimensions:60 (W) x 50 (H) x13.5 (D) mm
- Weight: DC ~ 400g, AC ~ 500g