

# 4800 1/3" Color DSP Mini-Camera



NAVCO's 4800 High Resolution Series Color Camera sets a new NAVCO standard for quality video cameras. The 4800 DSP camera features excellent resolution and sensitivity blended into a very compact body. The camera's small footprint makes it ideal for all installations especially those where excellent camera performance is required and a full sized camera will not fit. The unit's small and unobtrusive appearance blends readily into any environment.

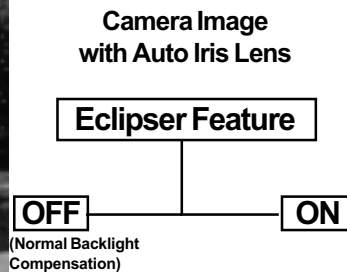
In addition, NAVCO's built-in **Video Eclipser** allows the camera to be used in strong backlight conditions that traditional backlight compensation is just not designed to handle. The 4800's compact size and outstanding performance sets the 4800 apart as the one camera for all of your B/W video surveillance needs.

## Key Features

- Color plus High Resolution** 470 Lines Horizontal Resolution for outstanding **Color** picture detail and clarity.
- Compact Size** Camera body (not including lens and BNC) is only 2.17"H x 2.09"W x 2.21" L.
- High Sensitivity** High performance imager delivers improved images both indoors and outdoors with a rating of only 1.5 Lux.
- Video Eclipser (Built-In)** This unique NAVCO feature maximizes camera performance under extreme backlight conditions typically found at entrance doors and ATM machines.
- Backlight Compensator** Built-in Backlight Compensator automatically adjusts for increased backlighting conditions.

## Video Eclipser

NAVCO's unique video eclipser works in conjunction with the camera's auto iris lens to deliver excellent video performance in the presence of strong backlight conditions that overwhelm normal backlight compensation.



**Specifications***Specifications are subject to change without notice.*

<b>Power Supply Voltage:</b>	24 VAC, 60 Hz, 3 Watts
<b>Operating Temperature:</b>	14° to 122° F (32° to 104° F; performance guaranteed)
<b>TV System:</b>	NTSC
<b>Imager:</b>	1/3" Interline Transfer B/W CCD
<b>Picture Elements:</b>	380K pixels (approx)
<b>Scanning System:</b>	525 Lines/ 60 Fields 2:1 Interlace
<b>Synchronization:</b>	Line Lock (0 +/- 90°)
<b>Signal Processing:</b>	DSP
<b>Video Output:</b>	1.0Vp-p, 75 Ohms/BNC Connector
<b>Horizontal Resolution:</b>	470 TV Lines
<b>Signal to Noise Ratio:</b>	48dB (AGC off)
<b>Gamma Correction:</b>	Approximately 0.6
<b>Aperture Correction:</b>	Provided (Horizontal & Vertical)
<b>Backlight Compensation:</b>	Provided (Advanced, Zoneless)
<b>Eclipser:</b>	Provided (On/Off)
<b>Min.Scene Illumination:</b>	1.5 Lux @ F1.2 (75% Reflectance)
<b>AGC:</b>	Provided (30dB Variable Gain)
<b>ESC Range:</b>	300:1
<b>Light Range (AGC+ESC):</b>	9,000:1
<b>Lens Mount:</b>	"CS" Mount
<b>Camera Mounts:</b>	1/4x20, Top and Bottom
<b>Video Connector:</b>	BNC, 75 Ohm
<b>Power Connector:</b>	3 Pin Terminal Strip, Push-in type
<b>Auto Iris Connector:</b>	4 Pin Miniature Square
<b>Vertical Phase Adjuster:</b>	Back Panel
<b>DC Lens Level Adjuster:</b>	Back Panel
<b>Lens Types:</b>	Video Signal/DC Voltage Control
<b>AIL Lens Output (VS Type):</b>	Power +9VDC, @40mA (max), VS 0.7Vp-p
<b>Dimensions (less lens):</b>	2.17"H x 2.09"W x 2.21"L
<b>Finish:</b>	Black
<b>Weight:</b>	.5 lbs. (approx)

As with all quality NAVCO video products, this camera is designed to work with NAVCO's complete family of integrated analog and digital video controller and recording systems.