

3100

1/3" B/W DSP

Mini-Camera



NAVCO's 3100 High Resolution Series B/W Camera sets a new NAVCO standard for quality video cameras and systems. The 3100 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 3100's compact size and outstanding performance sets the 3100 apart as the one camera for all of your video surveillance needs.

Key Features

- B/W plus High Resolution** 560 Lines Horizontal Resolution for outstanding 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 .15 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.

Specifications:

(subject to change without notice)

Power Supply Voltage:	24 VAC, 60 Hz, 3 Watts	Signal to Noise Ratio:	48dB (AGC off)
Operating Temperature:	14° to 122° F (32° to 104° F; performance guaranteed)	Gamma Correction:	Approximately 0.6
TV System:	NTSC	Backlight Compensation:	Provided (Advanced, Zoneless)
Imager:	1/3" Interline Transfer B/W CCD	Eclipser:	Provided
Picture Elements:	380K pixels (approx)	Minimum Scene Illumination:	.15 Lux @ F1.2 (75% Reflectance)
Scanning System:	2:1 Interlace	AGC:	Provided
Synchronization:	Line Lock (0 +/- 90°)	ESC Range:	300:1
Signal Processing:	DSP	Lens Mount:	"CS" Mount
Video Output:	1.0Vp-p, 75 Ohms/BNC Connector	Lens Types:	Video Signal/DC Voltage Control
Horizontal Resolution:	560 TV Lines	Dimensions (less lens):	2.17"H x 2.09"W x 2.21"L
		Finish:	Black
		Weight:	.5 lbs. (approx)

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

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