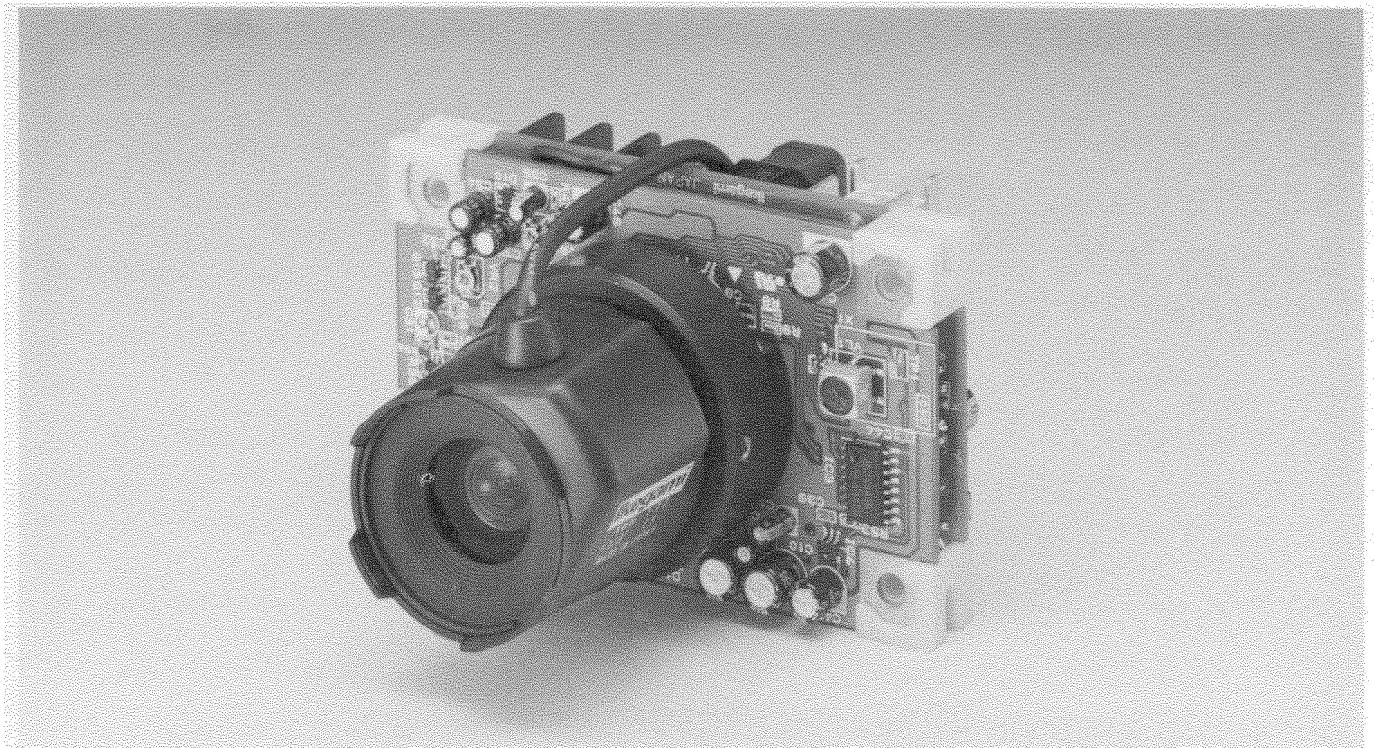


## Board type 1/3" CCD Component/OEM **ICD-B3**

### Black & White Video Camera (EIA)



- An ultracompact body, measures 3.18" (W) by 2.04" (H) by 1.67" (D). It can be incorporated into machines such as ATMs and small housings for various surveillance applications.
- The ICD-B3 features a 1/60 to 100,000 sec. AESC capability. Because sensitivity control is performed automatically to match illumination conditions, stable pictures can be secured, even without an auto-iris lens.
- A high-sensitivity CCD and AGC circuitry work together to yield a minimum subject illumination of 0.2 lux (lens: f1.4).
- The camera has a built-in backlight compensation capability. In conjunction with AESC, it ensures proper images for backlight scenes.
- The ICD-B3 comes with the Mirror Image function to permit an image to be reversed as if in a mirror. Thus, it can be used as a back surveillance camera for vehicles and so forth.
- A line-lock, phase adjustable sync system is used so that stable pictures can be obtained even when multiple cameras are switched for surveillance.

The ICD-B3 is a multipurpose B/W camera of board type, employing a 250,000-pixel CCD imaging device. Because of its ultracompact body, it can be built into various types of machines, such as bank ATMs. In addition to a substantial reduction in size, multifunctionality is also achieved. It incorporates a rich assortment of functions required for today's surveillance cameras, including backlight compensation, AESC shutter, AGC, and much more. A new Mirror Image function is added to the ICD-B3 to permit an image to be viewed with a reversal of right and left as it would appear if seen in a mirror. This is an ideally suited function as a surveillance camera for vehicles.

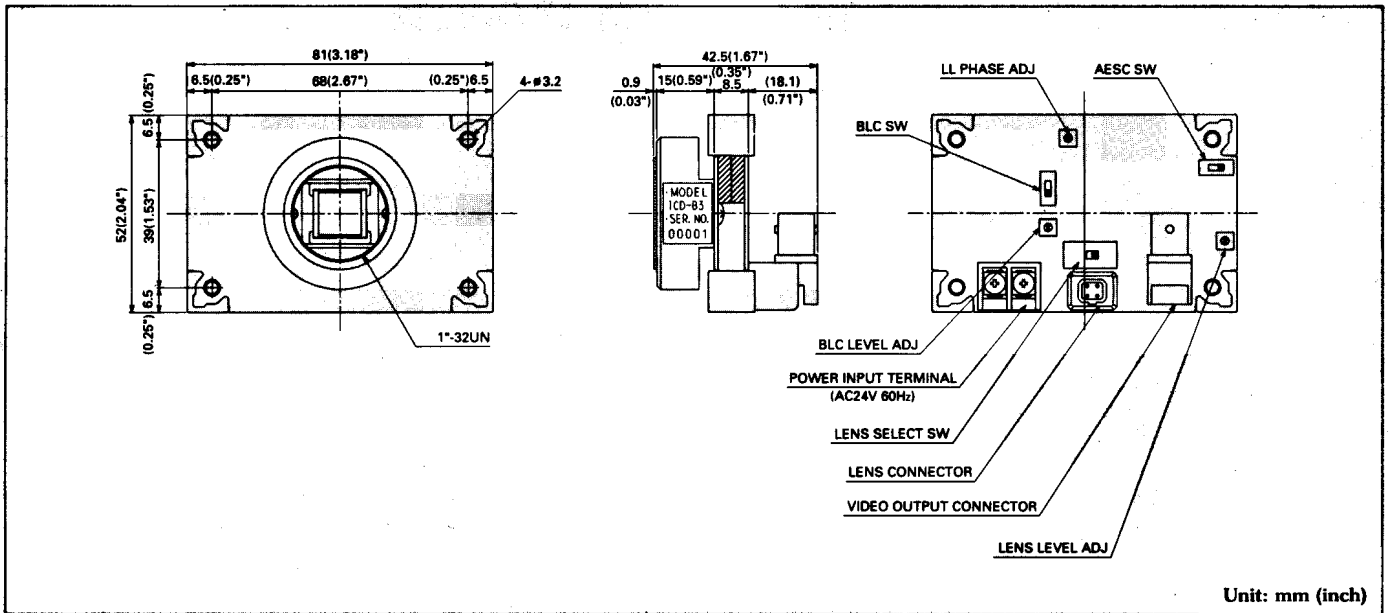
# ICD-B3 Board type 1/3" CCD Component/OEM

## Black & White Video Camera (EIA)

### Specifications

<b>Pickup Device</b>	1/3" Interline Transfer CCD	<b>AESC</b>	Built-in (ON/OFF switchable)
<b>Picture Element</b>	512(H)x492(V)(Effective)		1/60~1/100,000 sec.
<b>Scanning System</b>	2:1 Interlaced, 525 lines/ 60Hz		(ON/OFF switchable)
<b>Sync System</b>	Linelock, Phase adjustable	<b>Auto Iris Function</b>	VIDEO iris/ DC iris switchable
<b>Video Output signal</b>	VS1.0Vp-p/ 75Ω	<b>Lens Mount</b>	CS mount
<b>Resolution</b>	H: 380TV lines	<b>Flange back</b>	Built-in
<b>Signal-to-Noise Ratio</b>	46dB(p-p/rms) or better (at STD illumination, weight ON)	<b>Power Requirement</b>	AC24V ± 10%, 60Hz
<b>Illumination</b>	Usable Video approx. 0.2 Lux (Measurement condition of object illumination Lens F1.4, 75% reflectance)	<b>Power Consumption</b>	approx. 2W
<b>AGC</b>	Built-in (ON fixed)	<b>Ambient Temperature</b>	14° F~122° F (-10°C~+50°C)
<b>Backlight Compensation</b>	Built-in (ON/OFF switchable and level adjustable)	<b>Dimensions(WHD)</b>	3.18 x 2.04 x 1.67 inches (81x 52 x 42.5mm)
<b>Mirror Image Function</b>	Built-in (NOR/ INV switchable)	<b>Weight</b>	0.21 lbs. (95g)
		<b>Connector</b>	Video output: BNC LENS: 4P (applicable Plug: E4-191-100)
		<b>Accessories</b>	Instruction manual.....1 set
		<b>Options</b>	WH-B3 Mounting Bracket for ICD-B3, Utilizes 1/4" - 20 mounting hole.

### Dimensions



Designs and specifications are subject to change without prior notice.

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