

# VID-JB Video Camera

## Explosion Proof Surveillance

The Net Safety VID-JB explosion proof video camera is a robust, compact, explosion protected video camera effective for surveillance in hazardous environments. The VID-JB is certified for Class I, Division 1 environments, the most stringent safety standards for explosion-protected performance.

The durable colour video camera delivers a composite video output for use with all industry standard video systems. The wide viewing angle provides for large area coverage by one camera and the high resolution image sensor provides optimal image quality in all lighting conditions.



- Certified Explosion Proof Class 1, Div 1
- Full color, high resolution video (NTSC & PAL formats available)
- CSA, FM, ATEX Housing Approvals
- Compatible with industry standard CCTV hardware and software
- Wide Viewing angle of 100°

Power Specifications	12 to 32 VDC Operating Voltage Consumption - Nominal: 135 mA/3.24W - Max: 170mA/4.08W		
Operating Temperature	-20°C to +50°C (-13°F to +122°F)	Enclosure Material	Aluminum standard (316 SS option)
Field of View	100 degrees (Vertical/Horizontal)	Weight	Aluminum: 0.8kg/2.0lbs (316SS - 1.6kg/3.5lbs)
Pixel Number	NTSC=270K / PAL=320K (Normal Resolution), NTSC = 380K / PAL=440K (High resolution)	Video Output	1Vp-p composite video (delivered by shielded twisted pair with male RCA connector)
Image Pick-up Device	1/3" Super HAD II CCD High Resolution	Effective Picture Elements	NTSC:768*494, PAL: 752*582(H*V)
Horizontal Resolution	540 TV lines	Minimum Illumination	0.1 Lux@F1.2
S/N Ratio	More than 48 dB	Auto Electronic Shutter	NTSC:1/60s~1/100,000s, PAL:1/50s~1/110,000s
Gamma Characteristic	0.45	Lens Furnished	Board lens 2.9 mm/F2.2
Gain Control	Automatically	White Balance	Automatically(2500K ~ 9500K)
Synchronous System	Negative sync. Internal	NEMA/IP	NEMA Type 4X, IP67
Certifications	<ul style="list-style-type: none"> <li>• Factory Mutual (FM) Approvals (Pending)</li> <li>• US: XP/II/1/BCD/T5; I/1/AEx d/IIB+H<sub>2</sub> /T5 ; Type 4X, IP67 (Pending)</li> <li>• CAN: XP/II/1/BCD/T5; I/1/Ex d/IIB+H<sub>2</sub> /T5 ; Type 4X, IP67 (Pending)</li> <li>• ATEX: Ⓜ II 2 G Ex d IIB+H<sub>2</sub>; IP67 (Pending)</li> </ul>		
<b>ORDERING INFORMATION:</b>	VID-JB [ swivel/mounting bracket included, NTSC Standard ] OPTIONS: -SS — 316 Stainless Steel, -P — PAL Camera		

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™Please refer to manuals for complete specifications.