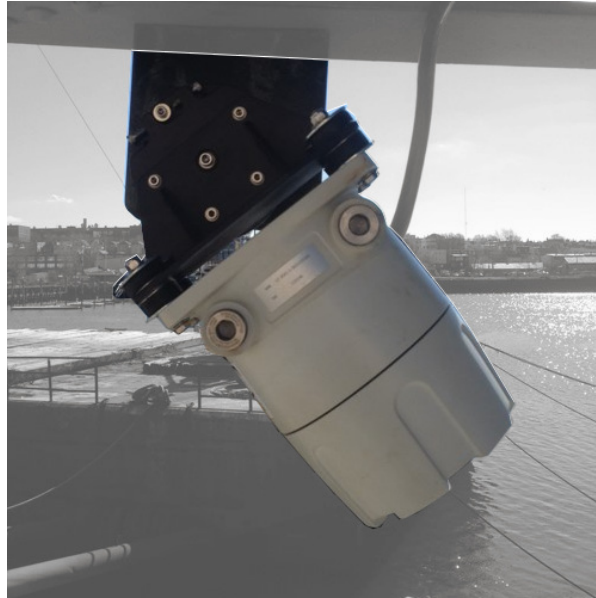


Industrial Crane Monitoring System

CZ-3041-2

- Provides increased crane operator awareness
- Explosion-proof, outdoor zoom camera
- Day/night switching
- 36x optical zoom



Rugged camera system designed for use on cranes

The CZ-3041-2 is a high quality video solution designed to be mounted on crane assemblies. A high-resolution, analog, color video camera is housed in a rugged weatherproof enclosure suitable for hostile environments. The enclosure is sealed and certified for Class I Division 1, groups B, C and D, Class II Division 1 groups E, F, and G, AEx d IIC, ATEX Exd IIC.

The complete assembly is suitable for outdoor use (Type 4X/ IP66). The camera provides increased operational awareness for crane operators, even in poor lighting or weather conditions. The result is improved crane operation safety and efficiency. The 36x zoom camera is a high performance low-light

camera with image stabilized video. It automatically switches to black and white and removes an IR cut filter to increase sensitivity in low light conditions.

The camera enclosure is mounted on an adjustable vibration dampening mechanism. This mechanism allows for infinite 360° fine angular adjustments so the camera can be fixed at any position required. The camera may be ordered with a safe or hazardous area remote control and color display monitor. The remote controls provide push button management of camera zoom, focus, and auto white balancing functions.

► specifications

Imager	1/4" Sony ExView CCD
Resolution	640 x 480
Shutter Speed	1 to 1/10,000 Seconds
Minimum Illumination	1.4 lx (F1.6, 50IRE)
F number	F1.4 to F4.5
Focal Length	3.4 to 122.4 mm
View Angle	1.7° to 57.8°
Zoom ratio	36x
Iris	Auto and Manual
Day/night	Auto
Focus	Auto and Manual
White Balance	Auto, Manual, ATW
Connection	1.0Vp-p; 75Ω on BNC
Frame Rate	30 FPS
Voltage Required	100 - 240 VAC
Power Consumption	Camera: 3W ATEX Monitor: 10W Safe Area Monitor: 10W
Camera Weight	29.0 lbs.
Operating Temperature	0° C to 50° C
Dimensions	Camera: 8.3" x 14.2" x 14.0" ATEX Monitor: 13.1" x 17.0" x 9.0" Safe Area Box: 10.0" x 6.8" x 6.0" Safe Area Monitor: 10.2" x 7.7" x 1.6"
Mount	Crane mount standard
Camera Enclosure Rating	Class I Division 1, Groups B, C & D, Class II Division 1, Groups E, F & G, Class III Division 1, Groups E, F & G, AEx d IIC T6, ATEX EXd IIC Type 4X, IP66

► IVC camera management software

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Robust, enterprise class software to manage and control your cameras and video from anywhere in the world.



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► options

Monitors



10.4" Safe Area Monitor



12.1" ATEX-rated Monitor

Remote Control



Safe Area Controller



ATEX-rated Controller

► ordering information

CZ-3041-2-CMCNFnV

V	Voltage Required	
	AC	100 - 240 VAC
	24A	24 VAC
Fn	Connection Type	
	0	Coax
CN	Controller	
	0	NONE
	S	Safe Area
	A	ATEX-rated
M	Monitor	
	0	NONE
	S10	10.4" Safe Area
	S17	17" Safe Area
	S19	19" Safe Area
	A12	12.1" ATEX-rated
C	Camera	
	36	Image Stabilized 36x Zoom

IVC
&
INDUSTRIAL
VIDEO & CONTROL