



CRYSTALCAM

IMAGING INC.

The newest camera in the Crystal Cam® line, the CC Diamond incorporates the latest in video and LED technology, offering integrated lights and full HD (1080p) resolution in a surprisingly small package. Like all CCII cameras it works equally effectively in air or underwater, with a depth rating of 1,000 feet [300m]. Using the same technology as the Crystal Cam® Sapphire camera, the Diamond has a wide input voltage range – so it is simple to integrate with other equipment and devices. The HD signal only requires two conductors (a twisted pair) and can be transmitted over 500+ feet [150+ m] of cable without sacrificing quality.

SPECIFICATIONS

Length:	2¾" / 70 mm	Lights:	Variable intensity LEDs; up to 50,000 hours; micro-controlled
Diameter:	1.65" / 42 mm	Lens:	2.8mm
Sensitivity:	<1 lx	Power:	18 - 72 Vdc
Resolution:	1080p	Protocol:	2 wire RS-485 / TIA-485
Format:	AHD or HD-SDI		
Camera Type:	1/3" CMOS		
Depth Rating:	1000 ft (300 m)		

APPLICATIONS

- Internal inspection of pipes
- Tank and well inspections
- Confined space inspections
- Drop camera
- Underwater surveillance
- Wet weather surveillance
- Operator visuals for monitoring equipment and machinery
- ROVs
- Pre-dive inspections

BENEFITS

- Lightweight, portable inspection system



CRYSTAL CAM® DIAMOND



MORE INFORMATION

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