

Advance Marine, llc. HoistCam™ for Port and Construction Cranes

www.advamar.com - 302.656.2111

Construction Cranes

HoistCam is a trademark of GM Engineering Services, LLC.



OVERVIEW OF HOISTCAM™

The HoistCam ...

... is a rapidly deployable wireless electronic night/day camera platform. HoistCam places the eyes and ears of the crane operator anywhere. Safety is increased, and efficiency improved by making instant visual information available directly from the hook block of the crane.



Video Between Buildings



HoistCam Installed on Crane's Hook Block (HC110)



Day/Night Vision HoistCam with Infrared Illuminators and Safety Lanyard (HC110)

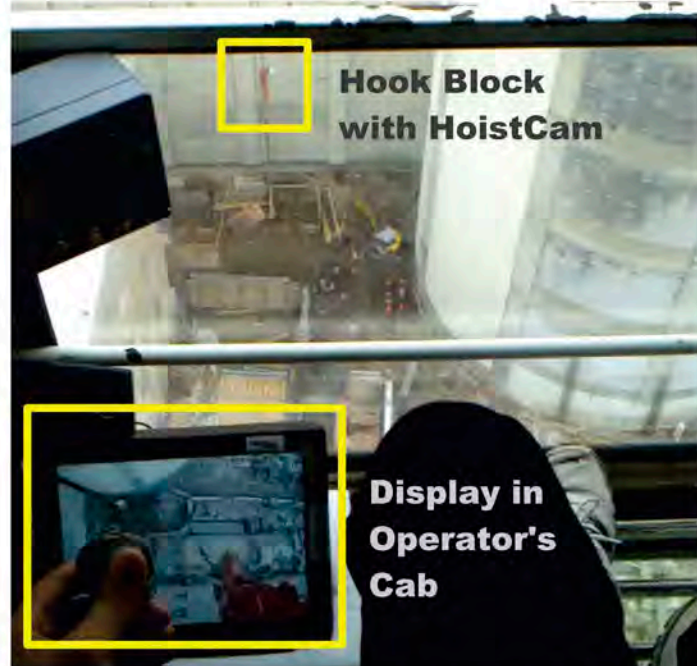
HoistCam withstands the harshest environments, and provides full day and night coverage. HoistCam users say, "the platform is seamless and easy to deploy". Install the HoistCam anywhere from on the boom to the operator station and throughout the construction site or marine port in a matter of seconds.

FEATURES

- Weatherproof camera with built-in battery, wireless transmitter and camera
- 2.4Ghz directional wireless antenna and receiver
- Base magnets to mount to any magnetic surface
- 9" display in operator's cab
- Infrared illuminators and variable focal lens
- Rechargeable lithium battery with run-time between 8 to 12 hours of run-time
- Operating temperatures between -10C to +50C
- Combination lock safety lanyard
- Dimensions: 10" x 8" x 7" (with camera)
- Weight: Approximately 14lbs

OPTIONAL CUSTOMIZATIONS

- Digital Video Recorder (DVR) to record and archive video
- Integration with Blackberry, Android and Apple (iPad/iPhone) tablets and smartphones
- Additional cameras with split screen display



Hook Block with HoistCam

Display in Operator's Cab

View from Crane Operator's Cab

“Why HoistCam?”



Why is HoistCam (TM) camera platform from Advance Marine such a great option for marine cranes?

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Situational Awareness

- The single most important aspect of industrial safety. Cameras are being added to machinery and equipment at a rapid pace.

Similar Applications

- Consider the automobile industry where only the most expensive and top line vehicles had cameras, backup indicators, and distance monitoring capabilities. Now these features are almost mandatory throughout the industry.
- This is the future and the absence of situational awareness options will have an impact on safety and possible incident liability.

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Time

- Case studies by GM Engineering Services clients have documented remarkable improvement in efficiency of blind lifts at marine shipyard terminals. This example accomplished an illustrated 60% improvement!* Case study available at <http://www.gmesllc.com/casestudy>
- What is an increase in efficiency worth to your organization in time savings?

Effort

- GM Engineering Services HoistCam platform is self-contained, wireless, and, most importantly, portable. The operator decides where they want their line-of-sight.
- HoistCam system can be installed/attached quickly with negligible expense.

Cost

- Return on Investment (ROI) can be achieved almost immediately by: Significantly improving your efficiency of operations, preventing safety losses, and the cost benefit of quickly installing and removing the HoistCam.
- GM Engineering Services provides all necessary technical support and training.

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Integration

- The HoistCam platform can integrate into new or existing cranes.
- HoistCam platform is compatible with all other camera systems through a single RCA composite interface.
- Integration with web enabled and remotely accessible feeds.

Customizations

- Static flex-mount cameras, external batteries, split screen displays, and additional full service customization are available



*HoistCam™ Point of View
Blind Lift Between Two Buildings*