



Video image of confined space area displayed on a 5" display

# ZistosHD Wireless Truck Tanker and Rail Tank Video Inspection System

The **ZistosHD** Tanker Inspection System has been designed to perform a safe visual inspection of the interior of a tanker trailer or rail tanker car for hygienic conditions, foreign objects, cracks and corrosion. The system can serve a dual function to help ensure safety. If an entry is required, the system can be mounted on the manway of the tank. It can then provide a video of the entrant working in the tank, that can be viewed by the attendant or over a network.

This uniquely configured video pole camera inspection system is inserted into the tanker hatch. Two horizontal stabilizer rods span the hatch of the manway allowing the pole camera to stay situated without the need for the operator to support its weight in position. The system allows all areas of the tanker interior to be visually assessed for problem without needing a confined space entry.

The **ZistosHD** Tanker Inspection System utilizes a self-illuminating, 10X or 30X optical zoom camera positioned at a right angle on the end of a pole. The camera can rotate 360° in a horizontal plane and pivots forward, back, left and right for a full range of

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motion. High resolution images are transmitted via Wi-Fi and viewed on specially configured, rugged 5" tablets, which can be mounted to the pole or worn on the operator's wrist or chest. 10" displays are also available for handheld use. Still images and video clips can be recorded for later review. The system will directly support up to three different wireless viewers concurrently.



System Controls

The heart of the **ZistosHD** Industrial Video System is the

rugged, ergonomically designed control handle. The weather-resistant handle offers integrated push-buttons that facilitate all operations, including still image capture, illumination level control, video record, zoom functions and motorized camera pan controls. These functions can also be remotely controlled using the **ZistosHD** tablet's touchscreen.

The **ZistosHD** Handle accepts a rechargeable lithium-ion battery that has an easily viewable, built-in battery charge level indicator. The battery runtime will typically last from 6+ hours depending on camera options.

## BENEFITS

### Dual Function Wireless Video System

**Avoid Confined Space Entry:** Visually inspect tanks from outside of the space

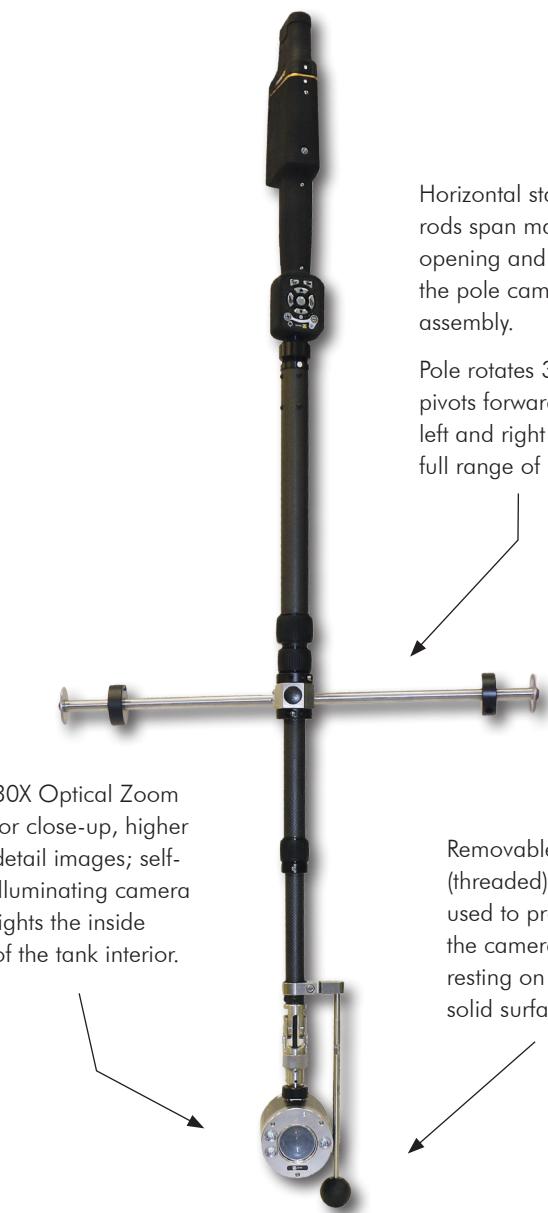
**Monitor Entrant:** If entry is required - View the actions of the entrant in the tank to confirm his safety and wellbeing

## FEATURES

- Full HD resolution 1080P video, 6+ hour rechargeable battery
- Rugged 5" tablet mounts on pole, wrist or chest; 10" tablet also available
- Special manway-mounted swivel pole available for tank inspection
- Dedicated software application supports still image capture and video record
- Wireless transmission with WPA2 encryption (supports fully-wired operation)
- Optional Interchangeable cameras: Ultra low-light, 10X optical zoom, 30X optical zoom, Valve Inspection



Optional Valve Inspection Camera shown with 10" rugged display



Horizontal stabilizer rods span manway opening and support the pole camera assembly.

Pole rotates 360° and pivots forward, back, left and right for a full range of motion.

30X Optical Zoom for close-up, higher detail images; self-illuminating camera lights the inside of the tank interior.

Removable (threaded) foot is used to protect the camera when resting on a solid surface.

**Call for more information.**

