

# ULTIMATE AWARENESS

An aerial photograph of a yellow tracked vehicle, possibly a military reconnaissance vehicle, in a desert environment. The vehicle is positioned in the center of a large circular graphic that represents a 360-degree camera field of view. This graphic consists of a solid white outer ring with arrows pointing clockwise, and a network of white dashed lines radiating from the vehicle to the perimeter of the circle. The background is a textured, brownish desert landscape with some sparse vegetation.

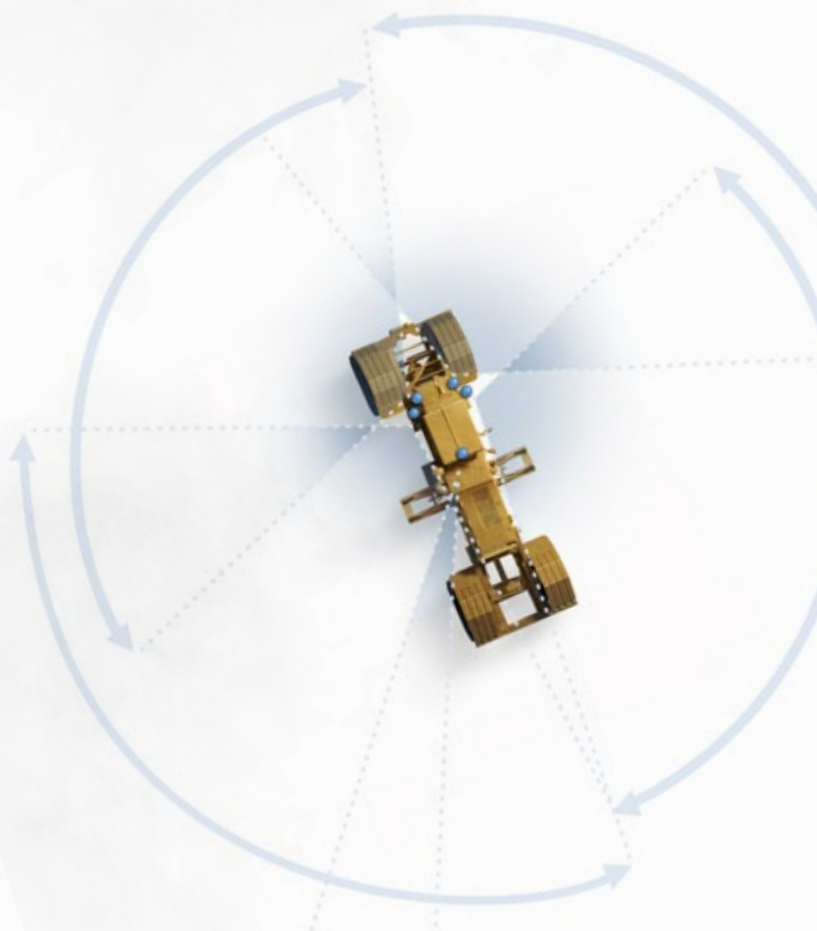
## AIRBOSS 360 CAMERA SUITE

**ADG**  
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# 360 SA Camera System

The 360 SA (Situational Awareness) video camera system is a system of integrated cameras designed to improve mission effectiveness and operating safety by providing vehicle operators with increased visibility and operational awareness around the vehicle. Four fixed, wide-angle cameras offer overlapping visual coverage to the vehicle's front, sides, and rear, and can be adjusted to eliminate blind spots unique to different vehicle platforms. A single pan/tilt/zoom (PTZ) camera provides supplemental visual coverage to enhance standoff search efforts or threat confirmation and classification.

A monitor and PTZ controller located inside the cabin provide a simple, adjustable user interface with the suite of cameras, allowing the operator to switch between views and articulate the PTZ as needed.



## Features

- Overlapping coverage for full awareness of vehicle surroundings.
- Adjustable positioning for different vehicles and mission sets.
- Coverage of blind spots for safe operation in restricted areas.
- Side and forward cameras for supplemental driving views.
- PTZ camera with 36x optical zoom and multispectral enhancement options.



## Specifications

### SYSTEM

**TOTAL WEIGHT**  
42 lb

**OPERATING VOLTAGE**  
12-30 VDC

**NORMAL OPERATING POWER**  
60 W

**OPERATING TEMPERATURE**  
-40° F to +158° F (-40° C to +70° C)

### PTZ CAMERA

**ZOOM CAPABILITY**  
36x (optical)

**FOCUS**  
Auto and Manual

**PAN SPEED**  
180°/ second

**TILT SPEED**  
120°/ second

### FIXED CAMERA

**HORIZONTAL VIEWING ANGLE**  
102°

**VERTICAL VIEWING ANGLE**  
86°

**IMAGE CORRECTION**  
Optically rectified

**HEATING ELEMENT**  
Internal, automatic



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