

# ULTIMATE AWARENESS

An aerial photograph of a yellow military vehicle, possibly a tank or armored car, positioned in the center of a desert landscape. The vehicle is surrounded by a large, semi-transparent circular graphic that represents a 360-degree field of view. Dotted lines radiate from the vehicle's sensor suite, and curved arrows indicate the continuous rotation of the camera system. The background shows a vast, arid desert with sparse vegetation and tire tracks.

**AIRBOSS**  
**360 CAMERA SUITE**

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# 360 SA Camera System

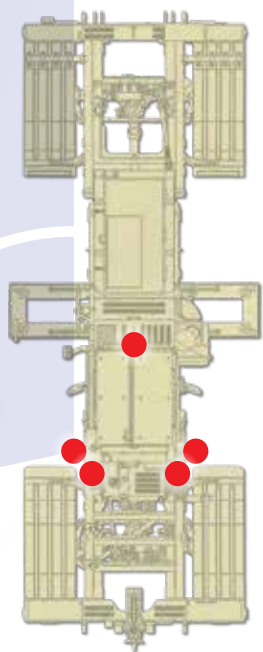
The 360 SA (Situational Awareness) video camera system is a system of integrated cameras designed to improve mission effectiveness and operating safety by providing vehicle operators with increased visibility and operational awareness around the vehicle. Four fixed, wide-angle cameras offer overlapping 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.

102°



## 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