

360° AWARENESS. EXPANDED VISIBILITY.

Sentinel 360° AI Awareness System for Underground Articulated Dump Trucks

AI-powered 360° awareness to help operators detect people and vehicles, eliminate blind spots and operate with confidence in the most challenging underground environments.

Built for safer hauling, dumping, reversing and manoeuvring in confined spaces, on ramps and declines, and in low-light conditions.

360° COVERAGE



AI-powered 360° awareness to eliminate blind spots and support safer operations in every direction.

IN-CAB DISPLAY

10.1" high brightness monitor with full-screen 360° view. Real-time awareness when it matters most.



IMPROVED SAFETY

Reduce collision risk with people, vehicles and other equipment in confined, low-visibility environments.



CONFIDENT OPERATIONS

Accurate positioning for hauling, dumping, reversing and manoeuvring in tight underground conditions.



GREATER EFFICIENCY

Smoother operations with less downtime and improved productivity.



EVIDENCE WHEN YOU NEED IT

Integrated recording for incident review and compliance.

IDEAL FOR UNDERGROUND OPERATIONS

HAULING & TRANSPORT



DUMPING & DISCHARGING



REVERSING & MANOEUVRING



RAMP & DECLINE OPERATIONS



PEDESTRIAN & WORKER PROTECTION



TIGHT SPACES & CONFINED AREAS



SENTINEL AI 360° AVS



AI CAMERAS

Wide-angle, high resolution cameras with AI detection of people, vehicles and obstacles.



AVS CONTROL UNIT

Powerful processing with AI analytics and secure data management.



IN-CAB DISPLAY

10.1" high brightness monitor with full-screen 360° view.



RECORDING & STORAGE

Capture, store and review footage with ease.



SEE EVERYTHING. MOVE SAFELY.
Built for every underground task.
Backed by AI.



SCAN TO LEARN MORE

View product details or download the brochure.



sentinelinspectionssystems.com.au