

360° AWARENESS. EXPANDED VISIBILITY.

Sentinel 360° AI Awareness System for Locomotives

AI-powered 360° awareness to help locomotive crews detect people and vehicles, eliminate blind spots and operate with confidence in busy yard environments.

Designed for safer shunting, rail movements and day-to-day yard operations.

360° COVERAGE

AI-powered 360° awareness to eliminate blind spots and support safer yard 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

Help reduce collision risk with people, vehicles and other rolling stock in busy yard environments.



CONFIDENT MOVEMENTS

Accurate positioning in tight spaces during shunting, coupling and reversing.



GREATER EFFICIENCY

Smoother workflows, less downtime and faster, safer yard operations.



EVIDENCE WHEN YOU NEED IT

Integrated recording for incident review and compliance.

IDEAL FOR



YARD OPERATIONS



SHUNTING MANOEUVRES



PEDESTRIAN SAFETY



COUPLING OPERATIONS



MAINTENANCE ENVIRONMENTS



SENTINEL AI 360° AVS



AI CAMERAS
Wide-angle, high resolution cameras with AI detection of humans



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 rail. Backed by AI.

BUILT FOR
DEMANDING WORK ENVIRONMENTS



sentinelinspectionssystems.com.au