MRDVS
Mobile Robot Vision Expert

See Every Movement. Handle Every Load.

3D Vision Solutions for AGVs, AMRs & Material Handling



S-Series (Obstacle Avoidance for Mobile Robots) | M-Series (Pallet Detection | Depalletizing | Dimensioning)



MRDVS
Mobile Robot Vision Expert

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See with Confidence

Advanced 3D Vision for Mobile Robots & Smart Logistics

SUMMARY

MRDVS develops advanced 3D vision sensors and perception algorithms in collaboration with leading Tier 1 manufacturers in China. The S Series 3D LiDAR and M Series iToF cameras serve as the essential eyes for next-generation mobile robots and smart logistics. Engineered for tough, real-world reliability, they convert raw data into actionable intelligence - ensuring safe navigation and enabling precision handling.

AGV/AMR Obstacle Avoidance

Reliable Navigation in Dynamic Warehouse Environments

Soft Package & Case Depalletizing

SAM3-Guided Vision-Driven Depalletizing

AGV Pallet Detection & Localization

Precision Fork Alignment for Automated Handling

Volume Measurement

Multi-Camera Parcel Dimensioning

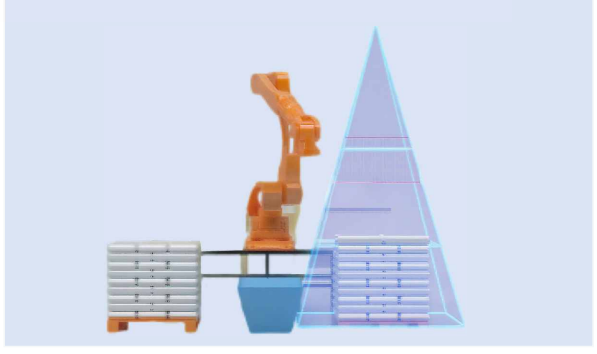
AGV Obstacle Avoidance



Pallet Recognition



Soft Package Depalletizing



Volume Measurement

