



PaveVision3D Ultra

True 1mm Resolution in 3D
30KHz at 60 MPH (100KM/H)



Highest Performance 3D Laser Imaging System

1. Integrated Single Vehicular Surveying Platform with Multi-Capabilities: Cracking, Rutting, Texture/Hydroplaning, Longitudinal Profiling, et al
2. 30KHz 3D Profile Scanning Rate: True 1mm Resolution in Three Dimensions at 60 MPH (100 KM/H)
3. Synchronized Array of Sensors: 3D Cameras, Uniform Powerful Green Lasers for Ultra-High-Speed Shutters, 3D Accelerometers, High-Precision IMU
4. Full-Lane Coverage (4-Meter Width): 4000 3D Transverse Points
5. Total System Power Consumption: Less Than 1000 Watts for All
6. Data Collection: Continuous Collection for Hours at 1 to 2GB/Lane-Mile Data Rate With Proprietary Compression Algorithms

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