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Materials List for

Image Recognition and Parameter Analysis of Concrete Vibration State Based on Support Vector Machine

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Materials

Name	Company	Catalog Number	Comments
camera	SONY	A6000	The sensor size is 23.5x15.6mm, the maximum acquisition resolution is 1440 * 1080, and the effective pixel is 24.3 million.
concrete	Wuhan Construction Changxin Technology Development Co., Ltd.	C30 pumping concrete	According to the standard of ' concrete strength test and evaluation standard ' (GB / T 50107-2010), the standard value of cubic compressive strength is 30 MPa pumping concrete.
Matlab	MathWorks	Matlab R2017a	MATLAB's programming interface provides development tools for improving code quality maintainability and maximizing performance. It provides tools for building applications using custom graphical interfaces. It provides tools for combining MATLAB-based algorithms with external applications and languages
Processor	Intel	12th Gen Intel(R) Core (TM) i7-12700H @ 2.30GHz	64-bit Win11 processor