

RZ/V MPU AI Application Examples

RZ/V MPU enables a wide range of products for various use cases to be easily developed by simply changing the AI application. Renesas has prepared the following AI application based on RZ/V MPUs with our partners. These AI models are optimized for each use case. By using these partner solutions, users can eliminate the design for AI model and install the application directly to your system, reducing a significant amount of development time and can complete the product development in a short time.

Category	Application Example	Partner
Smart City	Vehicle Intrusion Detection	Mitsui E&S System Research Inc.
	Smart Cities monitoring	Irida Labs
	Object detection on the road	QuEST Global
	Meter Reading	NIPPON SYSTEMWARE CO., LTD.
		Mitsui E&S System Research Inc.
	Crack Estimation	NIPPON SYSTEMWARE CO., LTD.
Safety	Intrusion Detection	tiwaki Co., Ltd.
	Area Anomaly Detection	NEXT-SYSTEM Co., Ltd.
	Solo Working Detection	NEXT-SYSTEM Co., Ltd.
Find people behavior	People Counting	tiwaki Co., Ltd.
	People & object tracking	Ignitarium
	Human Pose detection	Ignitarium
		NEXT-SYSTEM Co., Ltd.