RZ/V AVAILABLE PARTNER CAMERA MODULE LIST

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DOCUMENT OVERVIEW

*(note) Excluding some camera modules.

- This document explains available camera modules with MIPI CSI-2 interface for RZ/V2L, RZ/V2M and RZ/V2H, which are provided by our partners.
- For camera modules in this list, necessary software and documentation are provided by partner*(note).
- The operation of these camera modules are guaranteed not by Renesas, but by each camera module maker.
- If you need to support for camera modules operation, please contact to camera module maker.

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[RZ/V2H] AVAILABLE PARTNER CAMERA MODULE LIST

Camera vendor	P/N	Sensors used	Type	Camera Spec (Pixel / Shutter type)	ISP	Status	Note
TechNexion	TEVS-AR0144	AR0144	YUV	1MP / Global shutter	on camera	MP	Necessary S/W and documentation are provided by Technexion P/N for RZ/V2H has the suffix, "*-RPI22"
	TEVS-AR0145	AR0145	YUV(mono)	1MP / Global shutter	on camera	MP	
	TEVS-AR0234	AR0234	YUV	2MP / Global shutter	on camera	MP	
	TEVS-AR0521	AR0521	YUV	5MP / Rolling shutter	on camera	MP	
	TEVS-AR0522	AR0522	YUV(mono)	5MP / Rolling shutter	on camera	MP	
	TEVS-AR0821	AR0821	YUV	8MP / Rolling shutter	on camera	MP	
	TEVS-AR0822	AR0822	YUV	8MP / Rolling shutter	on camera	MP	
	TEVS-AR1335	AR1335	YUV	13MP / Rolling shutter	on camera	MP	
e-con Systems	e-CAM22_CURZ	IMX462	YUV	2MP / Rolling shutter	on camera	MP	Necessary S/W and documentation are provided by e-con systems
	e-CAM25_CURZ	AR0234	YUV	2MP / Global shutter	on camera	MP	
Shikino High-Tech	KBCR-S08MM	OX01F10	YUV	1.3MP / Rolling shutter	on camera	MP	Necessary S/W and documentation are provided by Shikino High-Tech
CSM.SOL	IMX415 board for V2H	IMX415	RGB raw	8MP / Rolling shutter	on MPU	MP	Reference camera module for evaluation of RZ/V2H ISP support package

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[RZ/V2N] AVAILABLE PARTNER CAMERA MODULE LIST

Camera vendor	P/N	Sensors used	Type	Camera Spec (Pixel / Shutter type)	ISP	Status	Note
TechNexion	TEVS-AR0144	AR0144	YUV	1MP / Global shutter	on camera	MP	Necessary S/W and documentation are provided by Technexion P/N for RZ/V2H has the suffix, "*-RPI22"
	TEVS-AR0145	AR0145	YUV(mono)	1MP / Global shutter	on camera	MP	
	TEVS-AR0234	AR0234	YUV	2MP / Global shutter	on camera	MP	
	TEVS-AR0521	AR0521	YUV	5MP / Rolling shutter	on camera	MP	
	TEVS-AR0522	AR0522	YUV(mono)	5MP / Rolling shutter	on camera	MP	
	TEVS-AR0821	AR0821	YUV	8MP / Rolling shutter	on camera	MP	
	TEVS-AR0822	AR0822	YUV	8MP / Rolling shutter	on camera	MP	
	TEVS-AR1335	AR1335	YUV	13MP / Rolling shutter	on camera	MP	
e-con Systems	e-CAM22_CURZ	IMX462	YUV	2MP / Rolling shutter	on camera	MP	Necessary S/W and documentation are provided by e-con systems
	e-CAM25_CURZ	AR0234	YUV	2MP / Global shutter	on camera	MP	
Shikino High-Tech	KBCR-S08MM	OX01F10	YUV	1.3MP / Rolling shutter	on camera	MP	Necessary S/W and documentation are provided by Shikino High-Tech
CSM.SOL	IMX415 board for V2H	IMX415	RGB raw	8MP / Rolling shutter	on MPU	MP	Reference camera module for evaluation of RZ/V2H ISP support package

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[RZ/V2L] AVAILABLE PARTNER CAMERA MODULE LIST

Camera vendor	P/N	Sensors used	Type	Camera Spec (Pixel / Shutter type)	ISP	Status	Note
e-con Systems	e-CAM21_CURZ	IMX462	YUV	2MP / Rolling shutter	on camera	MP	Necessary S/W and documentation are provided by e-con Systems
	e-CAM20_CURZ	AR0234	YUV	2MP / Global shutter	on camera	MP	
ArduCam	SKU:B0530	OV5640	YUV	5MP / Rolling shutter	on camera	MP	Necessary S/W and documentation are provided by Arducam Quick Start Guide - Arducam Wiki
	SKU:B0529	OV5645	YUV	5MP / Rolling shutter	on camera	MP	
Coral (EOL)	G840-00180-01	OV5645	YUV	5MP / Rolling shutter	on camera	MP	Attached with RZ/V2L EVK
Shikino	KBCR-S08MM	OX01F10	YUV	1.3MP/Rolling shutter	on camera	MP	Necessary S/W and documentation are provided by Shikino

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[RZ/V2M] AVAILABLE PARTNER CAMERA MODULE LIST

Camera vendor	P/N	Sensors used	Type	Camera Spec (Pixel / Shutter type)	ISP	Status	Note
FRAMOS *(note)	FSM-IMX462	IMX462	RGB raw	2MP / Rolling shutter	on MPU	MP	RZ/V2M ISP Support Package for IMX462 required
	FSM-IMX568	IMX568	RGB raw	2MP / Global shutter	on MPU	MP	RZ/V2M ISP Support Package for IMX568 required
	FSM-AR1335	AR1335	RGB raw	5MP / Rolling shutter	on MPU	MP	RZ/V2M ISP Support Package for AR1335 required
Renesas	IMX415 Sensor Board	IMX415	RGB raw	8MP / Rolling shutter	on MPU	MP	Attached with RZ/V2M EVK Cannot purchases separately RZ/V2M ISP Support Package for IMX415 required

*(note) FSM Adapter board for RZ/V2M EVK required, which are provided by CSM.SOL
Adapter board for FSM-IMX462, FSM-AR1335 : Link
Adapter board for FSM-IMX568 : Link

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REVISION HISTORY

Rev.	Date	Description	
		Page	Summary
1.00	Feb, 2025	-	First edition issued.
2.00	March.2025	4	Added information for RZ/V2N
		-	Some sensor information updated
2.01	Jun.2025	4	New sensor information added

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