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# Linux Interface Specification Device Driver V4L2/VSPM

Release Note: Software

R-Car H3/M3/M3N/E3 Series

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# How to Use This Manual

- **[Readers]**

This manual is intended for engineers who develop products which use the R-Car H3 / M3 / M3N / E3 processor.

- **[Purpose]**

This manual is intended to give users an understanding of the functions of the R-Car H3 / M3 / M3N / E3 processor device driver and to serve as a reference for developing hardware and software for systems that use this driver.

- **[How to Read This Manual]**

It is assumed that the readers of this manual have general knowledge in the fields of electrical

— engineering, logic circuits, microcontrollers, and Linux.

→ Read this manual in the order of the CONTENTS.

— To understand the functions of a multimedia processor for R-Car H3 / M3 / M3N / E3

→ See the R-Car H3 / M3 / M3N / E3 User's Manual.

— To know the electrical specifications of the multimedia processor for R-Car H3 / M3 / M3N / E3

→ See the R-Car H3 / M3 / M3N / E3 Data Sheet.

- **[Conventions]**

The following symbols are used in this manual.

Data significance: Higher digits on the left and lower digits on the right

**Note:** Footnote for item marked with Note in the text

**Caution:** Information requiring particular attention

**Remark:** Supplementary information

Numeric representation: Binary ... xxxx, 0bxxxx, or xxxxB

Decimal ... xxxx

Hexadecimal ... 0xxxxx or xxxxH

Data type: Double word ... 64 bits

Word ... 32 bits

Half word ... 16 bits

Byte ... 8 bits

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## 1. Overview

This is a release note for Linux Interface Specification Device Driver V4L2/VSPM of Yocto Recipe Package v5.9.0 release or later. This document explains the following items.

### Restriction

- 1) Known issues
- 2) Workaround
- 3) Closed issues
- 4) Known functional limitations of delivered functions
- 5) Non-validated function

## **2. Restriction**

### **2.1 Known issues**

None

### **2.2 Workaround**

None

### **2.3 Closed issues**

None

### **2.4 Known functional limitations of delivered functions**

None

### **2.5 Non-validated function**

None

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REVISION HISTORY			Linux Interface Specification Device Driver V4L2/VSPM Release Note: Software
Rev.	Date	Description	
		Page	Summary
3.4.0	Jan 29, 2018	—	New version
3.6.0	Mar 28, 2018	-	Add R-Car E3 support
3.13.0	Oct 29, 2018	1	Change yocto version
3.15.0	Dec 25, 2018	1	Change yocto version
		-	Update address list
3.19.0	Apr 17, 2019	1	Change yocto version
		-	Update address list
5.1.0	Apr 21, 2021	1	Change yocto version
		-	Update address list
5.9.0	Dec 10, 2021	1	Change yocto version



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