
Interface EEPROM Configure

©2017 Venture Research Inc.

Version 2017-10-05

Contents

Document Revisions.....	1
Overview	1

Document Revisions

2017-05-03 Youhua Chen Initial Version.

Overview

This document describes the data flashed in the interface EEPROM.

EEPROM Map

The EEPROM used in the interface board has 4K-byte space, which is communicated with the I2C bus. The EEPROM is divided into two partitions:

- 0x0000 – 0x07FF, 2k-space is used for VR to save the data
- 0x0800 – 0x0FFF, 2k-space is used for BD to save the data

Table 1. Memory Map

Starting Address	Size (Bytes)	Description	Example of Data
0x0000	32	Manufacturer full name	Venture Research
0x0020	32	VR serial number	VRSN000012345
0x0040	32	VR production date	2017-05-03
0x0060	32	VR device name	surface reader 16 antennas
0x0080	32	VR part number	VR102601
0x00A0	16	VR part revision number	01
0x00B0	32	BD part number	355467-01
0x00D0	16	BD revision number	03
0x00E0	32	Lot number	