

Dreameye Related Specifications

Customer Satisfaction Research & Development Division

■ Maple Bus 1.0 Function Type Specifications FT₁₁: Camera Device Function Rev 0.71

Released by: IT Business Promotions Dept. 00/03/08

File: FT11_071.doc (Microsoft Word 97)

■ Maple Bus 1.0 Peripheral Hardware (API) Specifications Dreameye_Rev 0.70

Released by: Customer Satisfaction Research & Development Division 00/03/10

File name: Dreameye070.doc (Microsoft Word 97)

This describes Maple commands for Dreameye support. It is now possible to set IC registers directly from the host. For details of the IC registers, see the following specifications.

The following are the relevant materials. It is anticipated that at some stage these will be organized into a single specification.

☐ CMOS Image Sensor (CIS) Data Sheet

Released by: Gendai Electronics 99/03/26

File: HV7131B3_26.PDF (Adobe Systems Acrobat Reader)

This describes the register operations that are possible from the host.

It forms the specification of the CMOS imaging sensor for the Dreameye manufactured by Gendai Electronics.

The exposure time, RGB gain, and other settings controlling the sensor operation can be adjusted.

☐ H1A424M167 Image Signal Processor (ISP) Data Sheet Version 0.9

Released by: Gendai Electronics 99/06/22

File: ISP_DataSheet_09.PDF (Adobe Systems Acrobat Reader)

This describes the register operations that are possible from the host.

It has registers which control the CIS.

☐ SEGA JangGu Information

Released by: Gendai Electronics 00/03/08

File: SEGA_JangGu.PDF (Adobe Systems Acrobat Reader)

This describes the register operations that are possible from the host.

It allows settings to be made for Gendai's original image compression algorithm JangGu.