

Modifications Notices

Human Image Sensing Technology

Issue Date
Dec 21, 2021

No. 2022028AE(ON)

Firmware design changes for addition of functions of Human Vision Components HVC-P2(model B5T) of Modification Notice.

[Effective Date]

Effective as of our production in February 2022.

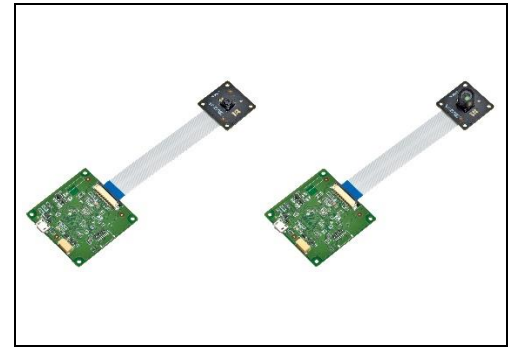
[Applicable Model]

Model B5T-007001 series

< Refer to the "[Details of applicable model] " . >

[Reason for change]

For upgrading to the new firmware with the addition of the commands for "1:1 verification" and "changing maximum number of registered people in Album" for face recognition.



[Change of products specification]

Necessary

[Changes]

Before the change			After the change		
Image Sensing Functions			Image Sensing Functions		
Function	Output	Details	Function	Output	Details
Face Recognition	• Individual identification result	• Displays either the registered User ID, or "non-registered" for non-registered individuals Maximum number of users: 100 Maximum number of data per use: 10 Registration is done with the Product.	Face Recognition	• Individual identification /verification result	• Identify whether the face image that was taken matches the registered user in the Album. As a result of identification, the ID for the user with the highest degree of matching is output. If the degree of matching with all users is less than the threshold, "Not registered" is output (1:n recognition = identification). • It is possible to change to the mode that verify that whether the face image matches a specific user in all registered users (1:1 recognition = verification) by a command.
	• Score	• Matching degree (0 to 1000) The result of the user with the highest matching degree is output. A degree closer to 1000 indicates a higher likeliness of being that user.		• Score	• Maximum number of User ID: 100 / Maximum number of data per User ID : 10 (Default value). This numbers can be changed to 500 User IDs x 2 data or 1000 User IDs x 1 data by commands. • The image data that is taken with other than this product can not be registered. • Matching degree is 0 to 1000. The closer the degree is 1000, the closer the User ID is to the detected person. • Identification (1:n) : The output is the result of user with the highest matching degree. • Verification (1:1) : The output is the result of matching degree of specified ID's user. • The threshold value is can be set by command.
After FW Ver. 1.2.3.16451					

[Details of applicable model]

Models	Specification
B5T-007001-010	
B5T-007001-010-H	
B5T-007001-020	
B5T-007001-020-H	

Specifications in this product news are as of the issue date and are subject to change without notice.
Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.