

Discontinuation Notice of Human Vision Components of model B5T-001001(G)/B5T-E-001-S(G)

Product Discontinuation

Human Vision Components (HVC-P)



Model B5T-001001(G)
Model B5T-E-001-S(G)



Recommended Replacement

Human Vision Components (HVC-P2)

Model B5T-007001-010/-020

[Final order entry date]

The end of May. 2018

[Date of The Last Shipping]

The end of May. 2018

[Caution on recommended replacement]

There is no compatible product since I/F specification, command specification is changed.)

[Difference from discontinued product]

Recommended replacement Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
B5T-007001-010/-020	-	-	-	-	*	*	*

** : Compatible

* : The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification

[Product Discontinuation and recommended replacement]

Product discontinuation	Recommended replacement
B5T-001001(G)	B5T-007001-010
	B5T-007001-020
B5T-E-001-S(G)	B5T-007001-010
	B5T-007001-020

[Body color]

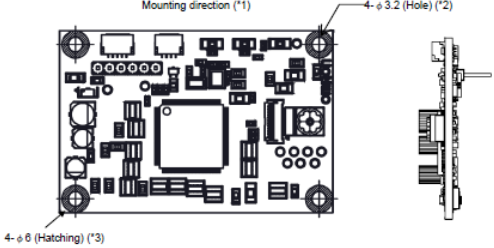
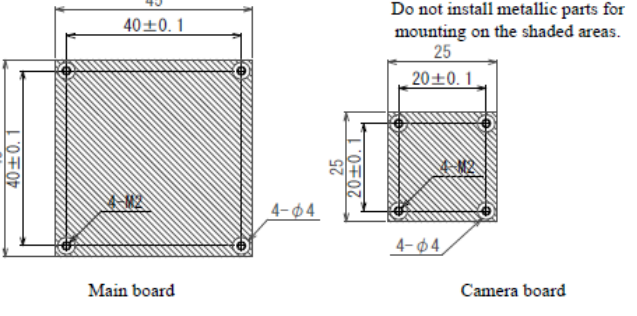
Product discontinuation Model B5T-001001(G)/B5T-E-001-S(G)	Product discontinuation Model B5T-007001-010/020
Color : brown 	Color: Gree,Black 

[Wire connection]

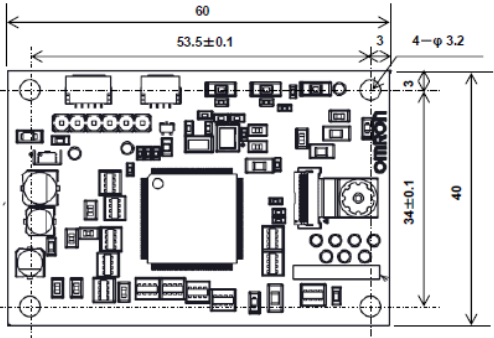
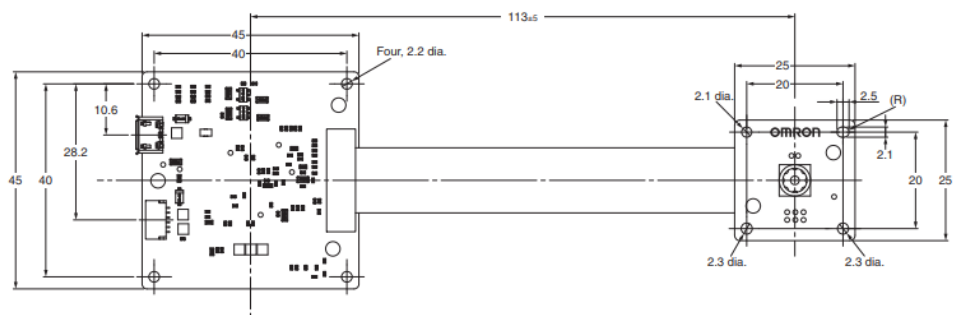
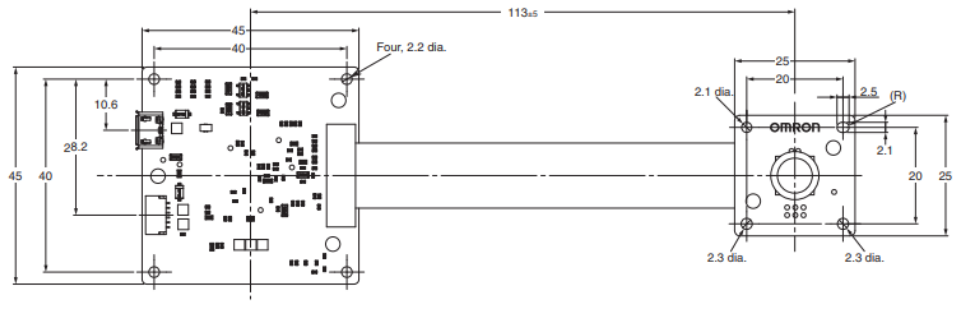
Wire connection

Product discontinuation Model B5T-001001(G)/B5T-E-001-S(G)	Product discontinuation Model B5T-007001-010/020																																																				
Inter face UART (see table below) <table><tr><th>Pin number</th><th>Signal</th><th>I/O</th><th>Description</th></tr><tr><td>1</td><td>Vcc</td><td>-</td><td>Power supply: 5.0V±10%</td></tr><tr><td>2</td><td>UART RX (*1)</td><td>Input</td><td>UART signal (from host to HVC-P) Logic 0: 0V Logic 1: 3.3V</td></tr><tr><td>3</td><td>UART TX</td><td>Output</td><td>UART signal (from HVC-P to host) Logic 0: 0V Logic 1: 3.3V</td></tr><tr><td>4</td><td>GND</td><td>-</td><td>Ground</td></tr><tr><td>5</td><td>RESET</td><td>Input</td><td>Reset signal (from host to HVC-P) Logic 0: 0V Logic 1: 3.3V Reset is active on logic 0</td></tr></table>	Pin number	Signal	I/O	Description	1	Vcc	-	Power supply: 5.0V±10%	2	UART RX (*1)	Input	UART signal (from host to HVC-P) Logic 0: 0V Logic 1: 3.3V	3	UART TX	Output	UART signal (from HVC-P to host) Logic 0: 0V Logic 1: 3.3V	4	GND	-	Ground	5	RESET	Input	Reset signal (from host to HVC-P) Logic 0: 0V Logic 1: 3.3V Reset is active on logic 0	Interface UART (see table below) or USB2.0 <table><tr><th>Pin number</th><th>Signal</th><th>I/O</th><th>Description</th></tr><tr><td>1</td><td>Vcc</td><td>—</td><td>Power supply 5.0V±10%</td></tr><tr><td>2</td><td>UART RX</td><td>Input</td><td>UART [receive] (Device → Host) Logic 0: 0V Logic 1: 3.3V</td></tr><tr><td>3</td><td>UART TX</td><td>Output</td><td>UART [send] (Host → Device) Logic 0: 0V Logic 1: 3.3V</td></tr><tr><td>4</td><td>GND</td><td>—</td><td>Ground</td></tr><tr><td>5</td><td>RESET</td><td>Input</td><td>Reset signal (Device → Host) Logic 0: 0V Logic 1: 3.3V Reset is active on logic 0</td></tr><tr><td>6</td><td>RESERVED</td><td>—</td><td>Do not connect to this</td></tr></table> Do not make the RX terminal floating when applying power to the Device.	Pin number	Signal	I/O	Description	1	Vcc	—	Power supply 5.0V±10%	2	UART RX	Input	UART [receive] (Device → Host) Logic 0: 0V Logic 1: 3.3V	3	UART TX	Output	UART [send] (Host → Device) Logic 0: 0V Logic 1: 3.3V	4	GND	—	Ground	5	RESET	Input	Reset signal (Device → Host) Logic 0: 0V Logic 1: 3.3V Reset is active on logic 0	6	RESERVED	—	Do not connect to this
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[Mounting dimensions]

Product discontinuation Model B5T-001001(G)/B5T-E-001-S(G)	Recommendable replacement Model B5T-007001-010/020
Dimensions when mounted  (*1) This figure is for a frontal mounting direction (0°) of the module. The software settings need to be changed when set to a 90°, 180° or 270° clockwise mounting direction from the front (0°). (*2) Use the M3 screws to fix the board in the four corners.	Dimensions when mounted  Do not install metallic parts for mounting on the shaded areas. Main board Camera board

[Dimensions]

Product discontinuation Model B5T-001001(G)/B5T-E-001-S(G)	Recommendable replacement Model B5T-007001-010/020
Dimensions Front  Side 	Dimensions Front Horizontal angle of view 50° B5T-007001-010  Horizontal angle of view 90° B5T-007001-020  Back Horizontal angle of view 50° B5T-007001-010  Horizontal angle of view 90° B5T-007001-020 

[Characteristics]

Item	Product discontinuation Model B5T-001001(G)/B5T-E-001-S(G)	Recommendable replacement Model B5T-007001-010/020
Power supply voltage	5V ±10%	5V ±10%
Current consumption	Less than 0.25 A	Less than 0.4A
Operating temperature	0 to +50°C	0 to +50°C
Operating humidity	Below 90% RH	Below 90% RH
Storage temperature	-30 to +70°C	-30 to +70°C
Storage humidity	Below 90% RH	Below 90% RH

[Operation ratings]

Product discontinuation Model B5T-001001(G)/B5T-E-001-S(G)	Recommendable replacement Model B5T-007001-010/020
Image Sensing Functions Human Body Detection, Face Detection, Hand Detection , Face Direction Estimation, Gaze Estimation, Blink Estimation, Age Estimation, Gender Estimation, Expression Estimation, Face Recognition	No change.

[Operation methods]

Product discontinuation Model B5T-001001(G)/B5T-E-001-S(G)	Recommendable replacement Model B5T-007001-010/020
Method of operation Receives a command to control this product from the host, and sends the result detected by this product etc. to the host.	Method of operation Receives a command to control this product from the host, and sends the result detected by this product etc. to the host. The commands are different.

Specifications and prices 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.