



**NO:** Fs010  
**DATE:** March 2015

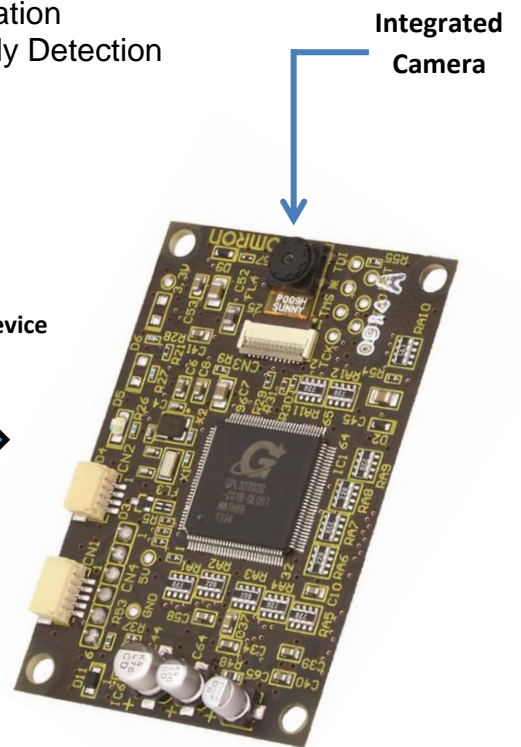
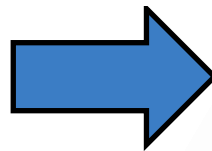
**Product:** HVC Module  
**Type:** Product Release

OMRON is pleased to announce the release of the Human Vision Components (HVC) module. The HVC integrates Omron's best in class image sensing technology (OKAO Vision) along with a camera, processor, and external interface onto a single PCB, sized at 60x40 mm. The end result is an image sensor unlike anything else on the market. Each HVC offers 10 functions:

- Face Detection
- Gender Estimation
- Expression Estimation
- Gaze Estimation
- Hand Detection
- Face Recognition
- Age Estimation
- Facial Pose Estimation
- Blink Estimation
- Human Body Detection



All 10 Functions  
embedded on each device



HVC effectively acts like a sensor and uses a UART interface to provide data about the person or people that it sees. Capturing such data can benefit numerous applications where people are interacting with machines.

## SAMPLE APPLICATIONS:

- Home appliance
- Market research
- Industrial equipment
- Robotics
- Digital signage
- Building automation
- Automotive
- Vending machines



## SELLING INFORMATION:

Description	Part number	Product code	Price Type	Standard Pack Qty	Master Pack Qty
HVC-P1 Demo Kit	B5T-E-001-S(G)	B5T 0003A	Monolithic	1	1
HVC-P1 Module	B5T-001001(G)	B5T 2002D	Monolithic	5	5

## LITERATURE SUPPORT:

- The HVC flyer and datasheet can be found on our [website](#).

## ADDITIONAL INFORMATION:

- [HVC Video](#) – A great descriptive video of HVC and its many features. Please feel free to link on your HVC product page.
- [Omron EMC website](#)

## SAMPLES:

- Please order via Sample Center. Contact your Inside Sales Representative.

If you have any questions or would like more information, please contact your corresponding Inside Sales Representative.