



Delta ToF Camera DMV-T



The Ideal Solution for High-speed 3D Data Collection and Object Detection

- High-speed 3D data collection**
 Receives 3D information through the ToF sensor at high speed; The frame rate is up to 60 fps
- Object position feedback for advanced robotic applications**
 Captures point clouds for object coordinates and depths to integrate with robotic arms for pick & place and processing
- Built-in processor enhances application flexibility**
 Built-in ARM processor to calculate partial images with the camera to enhance overall operation speed
- High protection level suitable for various scenarios**
 IP67, suitable for harsh environments

Applications

Dispensing Robot Guiding



Pick & Place Robot Guiding



Volume Measurement



Specifications

Sensor Model	Sony IMX556	Field of View	67° x 51°
Resolution	640 x 480 px, 0.3 MP	Protection	IP67
Frame Rate	60 FPS	Casing Material	Aluminum Alloy
VCSEL Wavelength	850 nm * 2	Certification	CE
Modulation Frequency	100 MHz (Configurable)	Power Input	24 V _{DC} , PoE
Processor	ARM Dual Cortex-A53	Communications	10/100/1000 Ethernet, GigE Vision 2.0 Compliant, TCP/IP
Working Distance	0.2 ~ 6 m	I/O	8 pin M12 connector

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