



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Loitor Cam2pc Visual-Inertial SLAM

SKU 101990260

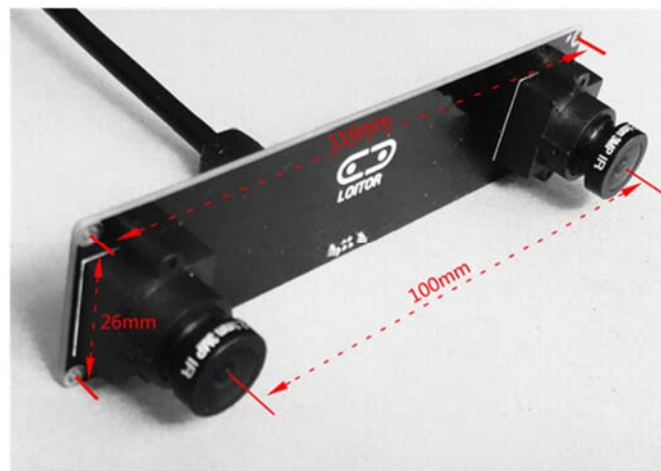


Description

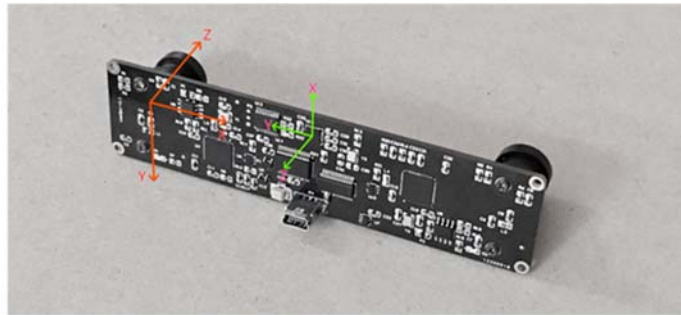
Loitor Visual Inertial Camera is a general vision sensor designed for visual algorithm developers. Providing abundant hardware control interface and data interface aimed to reduce development threshold with reliable image and inertial data.

Hardware Specifications

- Physical Dimensions



- Camera Coordinate System between Left camera and IMU

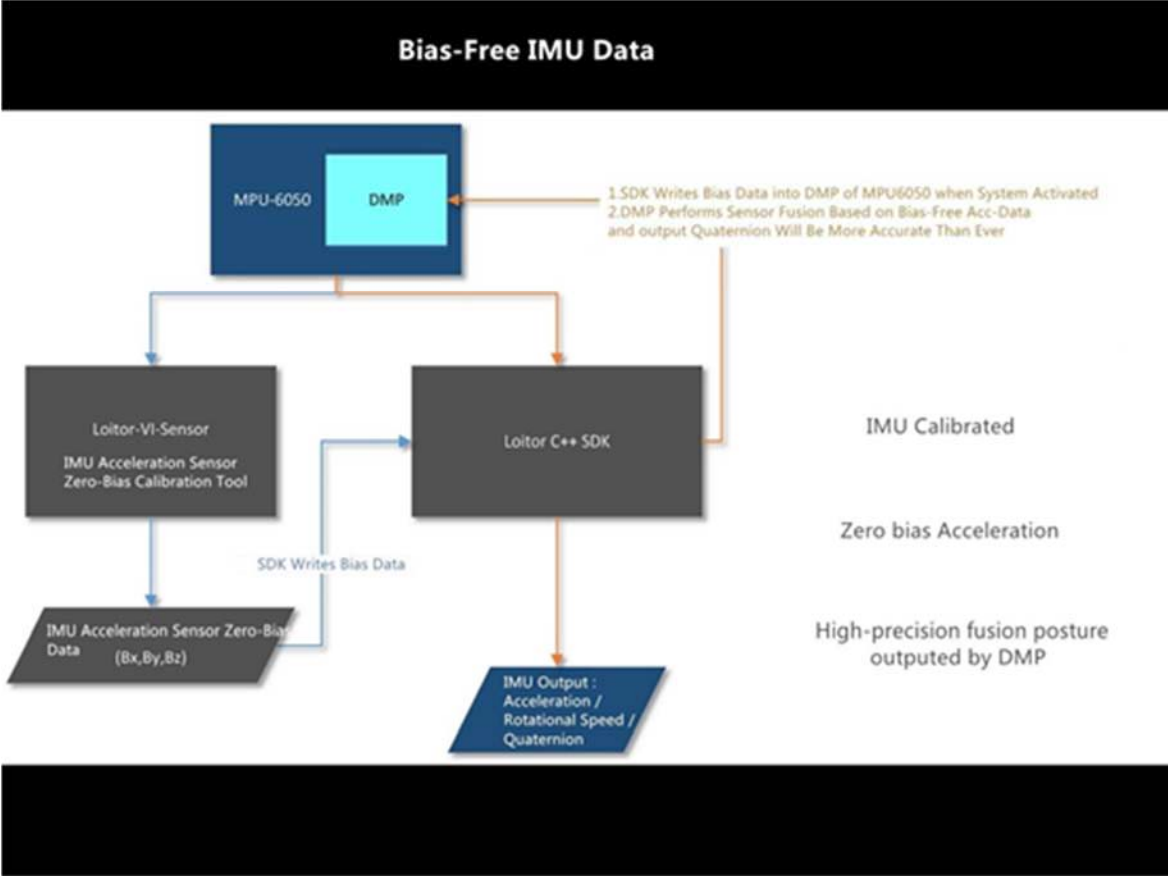


Hardware Performance and Specifications

	CMOS	IMU
Type	MT9V034	MPV-6050
Exposure Mode	Global shutter	-
Controller IC	CY68013	STM-32
FPS	24-65fps	200fps
Supported Resolution	320*240/640*480/752*480	-
Firmware Update	Firmware Update Supported By Windows Software	-
Baseline	10cm	-
Lens physical interface	M12 Lens interface	-
Lens Specifications	2.1mm/150°+6mm/60°	-
Data interface	Usb 2.0	
Data Delay	(1/Current_FPS)s	100us
Frame Synchronization	Stereo Synchronization Triggered By Camera Driver	-

Product Feature

- IMU zero bias calibration program, Zero bias initialization algorithm of DMP, High precision 6-DOF data, Minimum attitude drift.



- Stereo optical parameters already accurately calibrated



- The lens seat rifled through special processing, to ensure the camera would not loosen in the long-term delivery and the lens can be replaced.



- SDK needs no compilation, no special dependency libraries (only rely on libusb)
- stable and reliable ROS driver
- Ubuntu 16/14 supported

Part List

1 x Camera Module

1 x usb Disk

1 x usb cable

2 x CMOS