IQuotient Robotics Standard Mobile Robot Sensor Payloads Instructions

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IQuotient Robotics' standard mobile robot sensor payloads.

standard payloads with sensors for your multiple mobile robot.

Contents

Description

With the development and application of robotics and technologies, robotics products are diversify ing, mobile robotics platforms provide users with choices for their research, and the era of accelerated explosion of various types of sensors is also ushering in. Selecting the right sensor for the selected mobile robot and quickly building a suitable and useful sensor portfolio is the foundation for enhancing the depth and broadening the breadth of research. IQuotient Robotics's solution provides a convenient and stable sensor integration solution for mobile robot users who have already selected a platform.

Brief Data

Version	standard payloads

sample graph		
Chassis adaptation	Clearpath	Husky
		Jackal
	AgileX	Bunker
		Scout 2.0
		Scout Mini
Robotic arm	without robotic arm	
On-board computer (optional)	Intel	NUC11TNHi50L
	Nvidia	Xavier
Lidar	Ouster	OS0-32/64/128
		OS1-32/64/128
Depth camera	Microsoft	Azure Kinect DK
Panoramic camera (optional)	Senun	SG1-AR0147C-0101-GMSL-H190X 190°x125° 0.94mm
Differential GPS	Sinan	M100
	Vetter Intelligence	HWT9053-485

IMU(optional)	Xsens	MTi-630 AHRS
	13.3 inches 1080p	
Monitors	Wicens	13.3 inches 1080p

Documents / Resources

IQuotient Robotics Standard Mobile Robot Sensor Payloads [pdf] Instructions
Standard Mobile Robot Sensor Payloads, Mobile Robot Sensor Payloads, Robot Sensor
Payloads, Sensor Payloads, Payloads