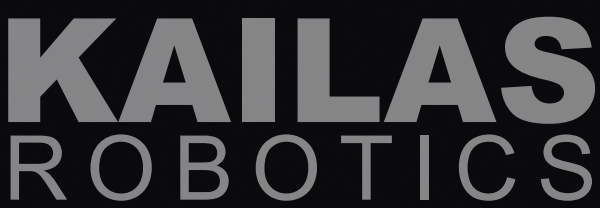
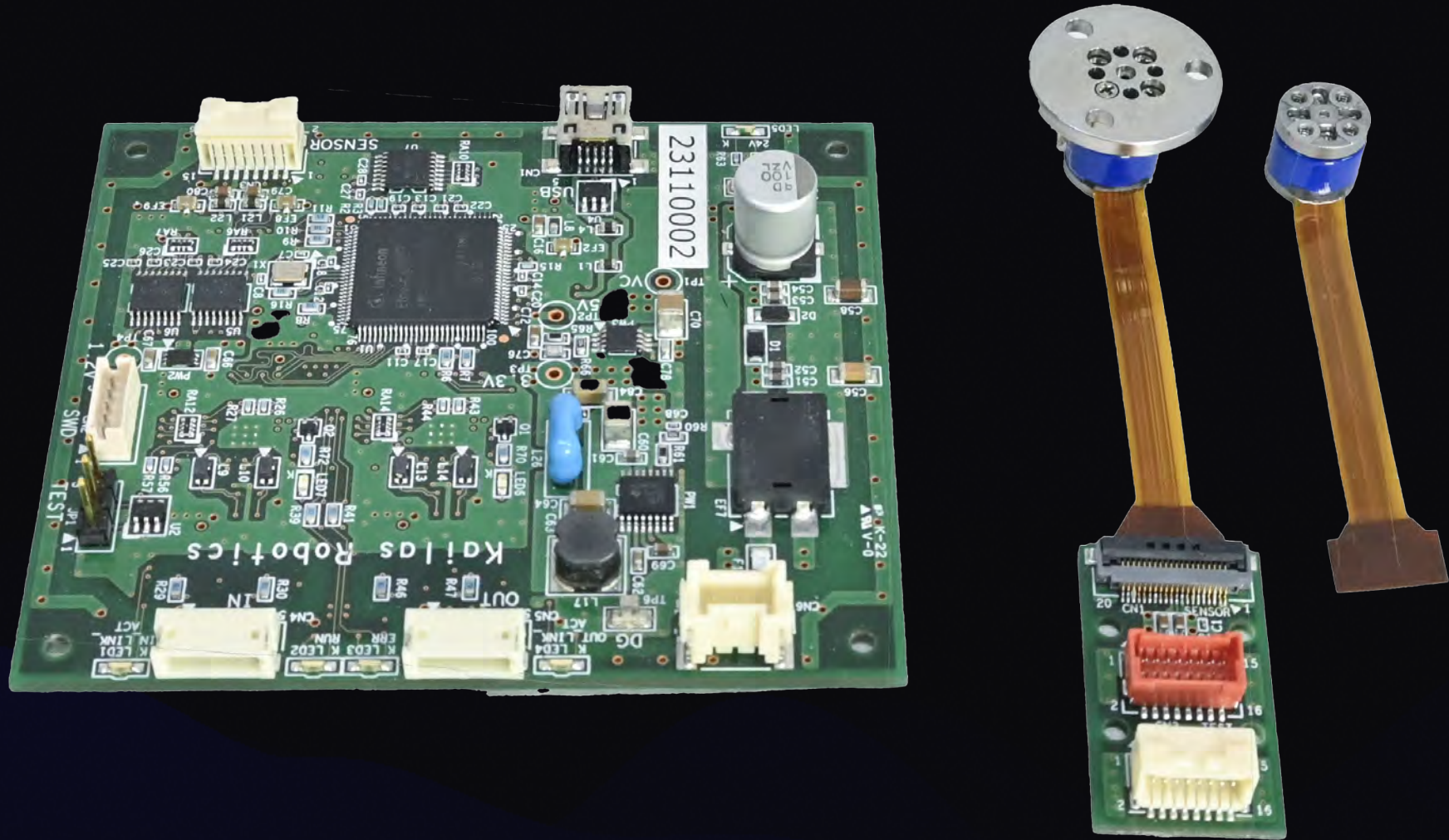


# KR-TRQ-001

## Kailas Robotics 6DoF Force / Torque Sensor



The 6DoF Force/Torque Sensor by Kailas Robotics is integrated into our robotic arms, enabling capabilities such as direct human teaching and collision detection. With a dedicated driver available, this sensor supports the development of applications across a diverse range of uses, enhancing adaptability and functionality.



### Specs

Size	Diameter x Height	ø9.6mm × 9.0mm	
Weight		3.0g	
Load rating	Force, Moment	40N, 0.4N·m	
Load Capacity	Force, Moment	200N, 1.8N·m	
Effective Resolution	Force, Moment	Fx,Fy / Fz: 0.04NRMS/0.06NRMS	
		Mx,My / Mz: 0.0004N · mRMS/0.0008N · mRMS	
Communication Interface		EtherCAT	
Sampling Rate		1 ms	
Interface board size		80 mm x 70 mm	

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