TANGRAM VISION
FACT SHEET

TANGRAM VISION SUMMARY:
Tangram Vision (www.tangramvision.com) is building the infrastructure layer for vision-enabled products like robots and drones. We make it simple to integrate sensors, build apps with their data, and optimize stability and performance over the entire product lifecycle.

QUICK FACTS ABOUT TANGRAM VISION:
- Flagship product: Tangram Vision SDK, tooling for integrating and managing sensors
- Founded by Brandon Minor and Adam Rodnitzky, both repeat founders, and both formerly of Occipital, makers of the Structure Sensor 3D sensing platform.
- Founded in January 2020
- Funded by 2048 Ventures (Alex Iskold), Dynamo Ventures (Santosh Sankar and Jon Bradford), Trucks VC (Reilly Brennan, Kate Schox, Jeff Schox) and SHAKTI (Keval Desai)
- Remotely located in Boulder, CO and San Francisco, CA
- *Fun fact:* Brandon came to San Francisco on March 15, 2020 to spend a week with Adam for planning. He had to leave 16 hours after arriving due to the impending shelter-in-place order. Tangram has been fully remote ever since!

ABOUT TANGRAM VISION SDK:
- Designed to streamline adding and managing sensors to vision-enabled products like robots, drones and manufacturing automation
- Supports 3D sensors like Intel RealSense, LiDAR sensors like Velodyne, CMOS cameras and IMU (inertial measurement unit) sensors
- Sensor integration API makes adding one or many perception sensors plug-and-play
- Sensor management APIs simplify calibrating sensors, synchronizing sensor clocks to host clocks, and structuring sensor data
- Remote access APIs allow remote monitoring of key sensor functions and settings

CUSTOMER TYPES:
- Robotics companies that rely on perception sensors. Examples include mobile robots in warehouses, local delivery robots, and mobile robots in hospitality and healthcare
- Drone companies that make and deploy aerial robotics
- Automation companies, like those that use machine vision in factories for tasks like visual inspections, quality control, and vision-guided robotics
- ADAS systems like adaptive cruise control and collision detection for vehicles

MARKET:
- 45 billion cameras will be deployed worldwide by 2022 (LDV Capital)
- On average, robotics companies waste $720K in engineering expense annually dealing with sensor challenges (Tangram Vision survey, June 2020)
- 42% of robotics companies require at least monthly maintenance to preserve uptime (Tangram Vision survey, June 2020)

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