

RZ Ecosystem Partner Solution

Camera ISP Tuning

MM Solutions EAD (A ThunderSoft Company)



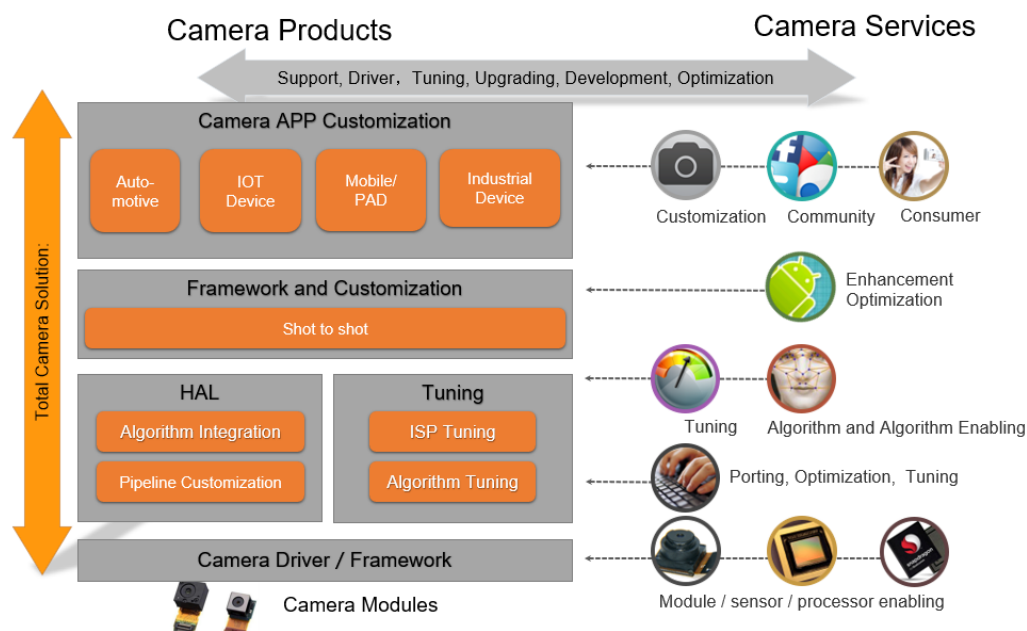
Solution Summary

ThunderSoft provides turnkey solutions, including camera ISP tuning for the [RZ/V2H group](#). Integrate various camera modules, develop camera drivers and frameworks based on your specific system. Our services include ISP tuning and algorithm development, all aimed at accelerating your business. Development is conducted in collaboration with MM Solutions, a subsidiary of Thundersoft.

Features/Benefits

- ISP Tuning
- Camera drivers, frameworks
- Integrate vision algorithms
- Customize camera applications

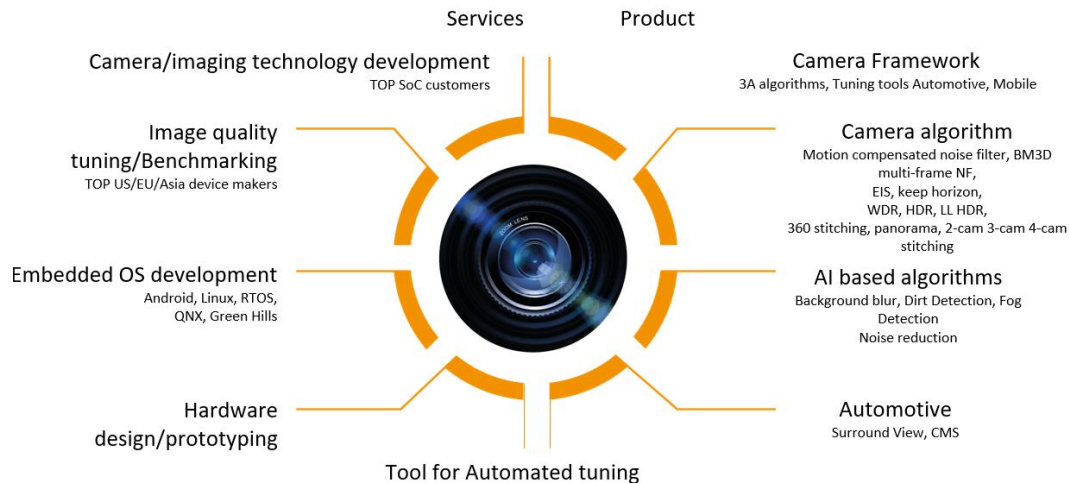
Diagrams/Graphics



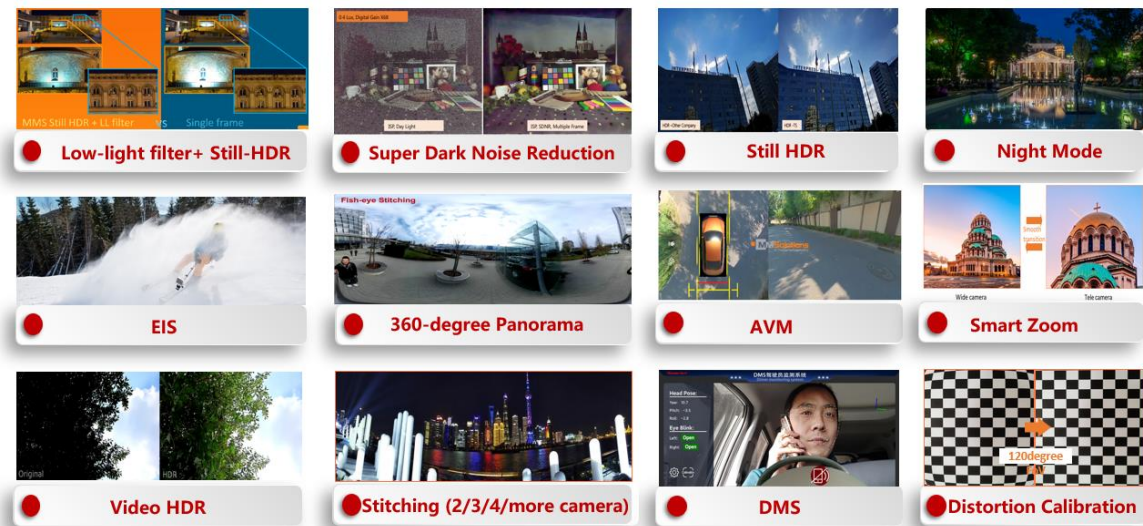
Target Markets and Applications

- Driver Monitoring System
- Industrial IoT
- Robot
- Smart City
- Smart Home Appliances
- Drone

■ Intelligent Vision Services & Products for RZ/V series



■ Computer Vision Algorithms for RZ/V series



※Algorithm Performance depends on HW specs.

■ Development Support Menu

No.	Menu	Work Details
1	Basic Camera integration package	a) sensor driver (no EEPROM, no AF, no LED) b) basic tuning using MMS objective criteria
2	Middle Camera integration package	a) sensor driver b) EEPROM driver c) AF driver d) LED driver e) basic tuning using MMS objective criteria
3	Multi camera package (two image sensors, no HW synchronization)	a) sensor #1 driver (no EEPROM, no AF, no LED) b) sensor #2 driver (no EEPROM, no AF, no LED) c) basic tuning using MMS objective criteria
4	Multi camera package (two image sensors, HW synchronization)	a) sensor #1 driver including (EEPROM, AF, LED) b) sensor #2 driver (EEPROM, AF, LED) c) sensor HW synchronization d) basic tuning using MMS objective criteria
5	Custom package	Develop with customer's needs (PoC~System Development)