






Product roadmap based on Hailo-8


March, 2023

Product roadmap based on Hailo-8

High-End				
		 <p>AIP-IC1</p> 	 <p>AIP-IC2</p>	
		 <p>AIP-IE1 (with FAN)</p>	 <p>AIP-IE1 (W/O FAN)</p>	 <p>AIP-IE2</p> <p>ROS</p>
Middle-Edge				
Low-Edge				
	FY2022	FY2023	FY2024	FY2025

 intel.
 ARM

 ROS
 ROS Ready
 Ubuntu installed

 HALCON
 HALCON Ready
 Windows installed

Our target business within 3 years.

Our Goal

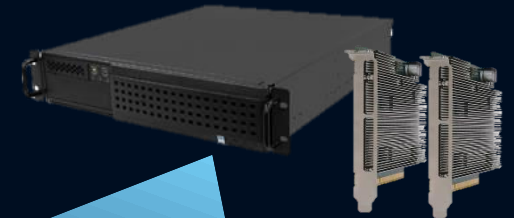
- 1st Provide edge high-end system.
- 2nd Provide system operate stably for a long time.
- 3rd Provide power efficient system.

FY2022



FY2023

HALCON



PURPOSE	Expand develop environment on the Hailo-8	Application of Hailo-8 to Manufacturing and Machine vision field	Building a System for central Inference and connect to edge
TARGET	<ul style="list-style-type: none"> • People flow analytics • Construction Robotics • Object detection for Robot • Pose estimation on Factory 	<ul style="list-style-type: none"> • Defect inspection for Metal Parts • Detection/logging for self-driving • AI OCR for paper industry • Visual inspection for Ceramic 	<ul style="list-style-type: none"> • Inspection for multiple sites • Storage and Add training • Central inference for various AI
CORE PRODUCT	<ul style="list-style-type: none"> • AIP-IE1 (with FAN) 	<ul style="list-style-type: none"> • AIP-IE1 (W/O FAN) • AIP-IC1 	TBD (under design)
SALES GOAL (Hailo Module)	N/A (PoC phase)	TBA million yen (TBA million yen)	TBA million yen (TBA million yen)

※The above includes sales of the complete system.

Our Product : AIP-IE1



Model	AIP-IE1
CPU	Intel Celeron® 6305E
Memory	4GB LPDDR4 3200MHz x1
Storage	128GB SSD SATA6Gb/s x1
USB	USB3.0x2
Graphic	HDMI x1
LAN	1GbE LAN x2
AI Accelerator	Hailo-8™ M.2 AI Acceleration Module x1
Operating temperature	0 ~ 40℃
OS	Windows / Linux

※Specifications are subject to change without notice.

Our Product : AIP-IC1



Model	AIP-IC1
CPU	Intel Core i9-10900E / Core i7-19700E / Core i5-10500E
Memory	16GB DDR4 3200MHz x1
Storage	256GB SSD SATA6Gb/s x1
USB	USB3.2 x6
Graphic	VGA x1 / DVI-D x1 / DP x1
LAN	1GbE PoE LAN x4 / 1GbE LAN x2
AI Accelerator	Hailo-8™ AI Processor x4 (Falcon H8)
Operating temperature	0 ~ 45°C
OS	Windows / Linux

※Specifications are subject to change without notice.

HPC
SYSTEMS
People and Computing Power

