

Empower Smart Solutions with Edge AI



**Enabling Smart Manufacturing and Transportation with
Intelligent Industrial Computers**

AI Security | Commercial Vehicles | Edge AI Computer | IoT Gateway

EveFocus
Your Safety, Our Focus

ACROSSER
ACROSSER Technology Co., Ltd.

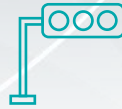
Accelerate Your Products Time-to-Market



Your AI Solutions Partner, Innovating with Industrial Expertise



AI Security



Smart Transportation



Commercial Vehicles



Vision AI Computer



Precision AI-Enabled Hardware for Your IoT needs



Smart Manufacturing



In-Vehicle Computer



Edge AI Computer



IoT Gateway

**Let's bring your innovative ideas to life—
Partner with us for faster, smarter solutions today.**

CCTV (Camera/XVR/NVR)

AI Vision

IP / AHD / USB / 3D



Intel/Novatek

DVR / NVR / XVR



Mobile DVR

Empowering AI Transportation

ADAS / BSD / DMS / e-Mirror / Fleet Mgmt.



HINO Tier 1 Supplier

Edge AI Industrial PC

In-Vehicle / AMR / Video Analytics



IoT Platform

Cloud Service APP / Webpage



AV Over IP

Pro-AV Appliance

Lecture Capture / Central Control



Capture Card

M.2 / USB / HDMI



Intelligent Edge and Rugged Industrial PC

Edge AI Computing

In-Vehicle / Automation



Realtime connectivity

Gateways / Time sync / SMARC



Networking

SD-WAN



Transportation



Security



Education



Automation



Industrial

NVIDIA Jetson Series



The NVIDIA Jetson series offers **outstanding GPU performance in a compact, durable design**, perfect for demanding AI and graphical tasks across diverse environments. **Now with Super Mode support**, it delivers even greater efficiency and power.

Super Mode



Orin Nano
20-40 TOPS

Super Mode



Orin NX
70-100 TOPS



AGX Orin
200-275 TOPS

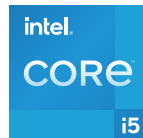


AGX Xavier
30-32 TOPS

Intel Platforms



Our Intel platforms **ideal for complex edge AI applications**. Support leading AI frameworks with Intel Deep Learning Boost. Scalable from Intel Atom® to Xeon®, they **enable hybrid AI with MXM 3.1 GPU modules and Hailo-8 integration**. Built-in security features like Intel® SGX and Boot Guard ensure data protection.



Arm Smart Gateway

arm

ACROSSER Arm smart protocol gateways **offer energy efficiency, cost-effectiveness, and real-time data processing for IoT applications**. Their rugged design suits industrial environments, ensuring seamless compatibility with popular IoT protocols. These gateways provide a reliable, scalable solution for edge deployments in smart cities, manufacturing, and automation.



AI Camera

EverFocus expands innovation with Edge AI Cameras to meet rising vision AI demands. Powered by NVIDIA Jetson Orin NX/Nano and rich I/O, they transform video into actionable intelligence and data, enabling AI-driven applications across industries.

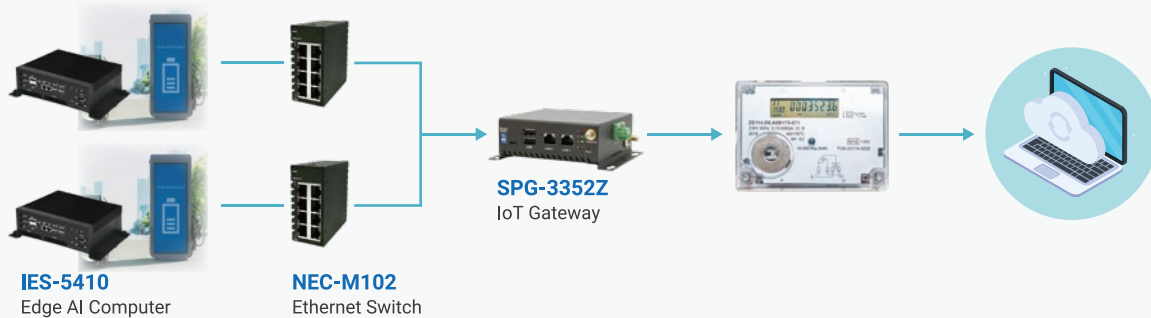
ACROSSER 3D Sensing cameras offer VGA Time-of-Flight depth sensing, USB 3.0 interfaces, and 0.5m to 18m range. CAMino™ supports 4K color resolution. Both excel in 3D volume detection and measurement.



Application

Unify multi-brand EV charger protocols for simplified deployment and management

Our comprehensive solutions for a leading telecommunication network provider in Taiwan tackle the challenges of outdoor deployment and diverse communication protocols. By leveraging industrial computers and IoT gateways integrated with custom software, we ensure **seamless cloud connectivity and robust protocol support**. This enables **reliable and unified EV charging management**, effectively addressing environmental and protocol challenges.

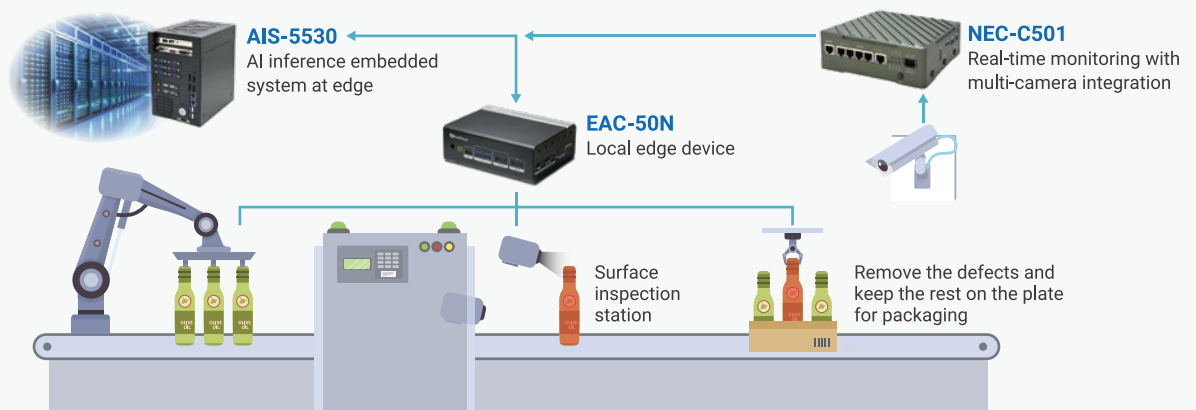


Defect detection on a production line

Production lines typically rely on manual defect inspection, but AI enhances precision and efficiency. The IES-3030 transmits camera data to the AIS-5530 for rapid defect detection, while the EAC-50N with NVIDIA AI NVR monitors workplace safety, improving operational efficiency.

Key feature

EAC-50N features 5 x PSE, supporting multiple camera feed. AIS-5530 delivers versatile connectivity suitable for a wide range of industrial applications.

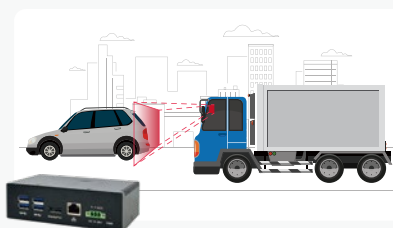


Building safe and efficient commercial fleets

From driver safety and road security to maximizing space utilization, our Nvidia series products offer comprehensive smart transportation and image analysis solutions. They excel in high-temperature, high-vibration commercial vehicle environments, enabling clients to analyze driving behavior, prevent traffic accidents, and measure cargo volume, thereby creating safe and efficient commercial fleets.



EAC-30N
Driver Monitoring System



Orin Nano HA-BOX
Car Insurance AI Device



CubiCAM
Cargo Volume Measurement

Selection guide

NVIDIA



Model Name	EAC-10N	EAC-30N	EAC-50N	EAC-70N ^{Preliminary}	EAR-30N	eNVP-JAO-AI eNVP-JAX-AI
Platform	NVIDIA® Jetson Orin™ NX / NVIDIA® Jetson Orin™ Nano			NVIDIA® Jetson AGX Orin™	NVIDIA® Jetson Orin™ NX	NVIDIA® Jetson AGX Orin NVIDIA® Jetson AGX Xavier
AI performance	Up to 100 TOPS / Up to 40 TOPS			Up to 275 TOPS	Up to 100 TOPS	Up to 275 TOPS / Up to 32 TOPS
Ethernet / PoE	• 1 x GbE LAN	• 1 x GbE LAN • 1 x Fast Ethernet	• 1 x GbE LAN, PD 60W • 1 x GbE LAN, PSE 30W, • DC Mode: 4 x GbE LAN, PSE • 1 x GbE LAN	• 2 x GbE LAN • 1 x 10GbE LAN	• 8 x 1G Base-T1 Ethernet, HMTD • 3 x M12 X-coded GbE Ethernet ports	• 1 x 10GbE LAN • 1 x GbE LAN • DC Mode: 8 x 10/100 MbE
I/O	• 1 x HDMI 2.0-Out • 2 x USB 3.2 Gen1 type A • 2 x RS-232/485 switchable	• 1 x HDMI 2.0-Out • 4 x USB 3.1, Type-A • 1 x RS-485 • 1 x CAN-FD	• 1 x HDMI 2.0-Out • 4 x USB 3.1, Type-A • 2 x RS-485 • 1 x CAN bus	• 1 x HDMI 2.0-Out • 4 x USB 3.2, Type-A • 1 x USB Type-C • 2 x RS-485 • 1 x CAN bus	• 1 x HDMI 2.0a/b • 4 x USB 3.2 Gen1 type A, 1 x micro USB • 1 x 48pin/1 x 32pin CMC lockable connector • 4 x GMSL 2 camera FAKRA Z code • 2 x FAKRA C code connector for Wi-Fi • 3 x Max. FAKRA D coded connector for 4G/5G	• 1 x HDMI 2.0-Out • 2 x USB 3.0, Type-A • 2 x USB 2.0, Type-A • 1 x RS-485 • 2 x RS-232 • 8 x DIDO
Expansion	• 1 x M.2 E-Key 2230 • 1 x M.2 M-Key 2242 • 1 x MIPI CSI-2 with FPC connector	• 1 x M.2 M-Key 2280 • 1 x M.2 E-Key 2230 • 1 x M.2 B-Key 3052	• 1 x M.2 M-Key 2280 • 1 x M.2 E-Key 2230 • 1 x M.2 B-Key 3042/3052	• 1 x M.2 E-Key 2230 • 1 x M.2 B-Key 3052 • 1 x MIPI CSI-2 Connector	• 1 x M.2 M-Key 2280 • 1 x M.2 E-Key 2230 • 1 x M.2 B+M Key 3052	• 1 x M.2 M-Key 2280 • 1 x M.2 E-Key 2230 • 1 x M.2 B-Key 3042/3052 • 2 x 2.5" bay SSD
Power Requirement	9 ~ 36 VDC	9 ~ 36 VDC	9 ~ 36 VDC	9 ~ 36 VDC	9 ~ 36 VDC± 5%	9 ~ 55 VDC
Operating Temperature	-20 ~ 60 °C	-20 ~ 60 °C	-20 ~ 60 °C	-20 ~ 60 °C	-20 ~ 60 °C	-20 ~ 60 °C

Arm



Model Name	SIG-C101	SIG-C302	SIG-M101	NEC-C501	SPG-M041	SPG-3352Z
CPU/MCU	NXP i.MX 93 NXP i.MX 8M Plus TI AM625 MediaTek MT8395	NXP i.MX 8M Plus	NXP i.MX 8M Plus	NXP i.MX 8M Plus	ST STM32F429	TI AM3352
Ethernet	1 x GbE LAN	2 x GbE LAN	2 x Gigabit Ethernet	6 x GbE LAN	2 x 10/100Mbps	2 x GbE LAN
Serial Port	2 x RS-232/422/485	2 x RS232/RS422/RS485	2 x RS232/RS422/RS485	2 x RS232/RS485	2 x RS232/RS485	1 x RS485
DI/DO	• 2 x Digital Input • 2 x Digital Output	—	—	• 4 x Digital Input • 4 x Digital Output	4 x Digital Input	—
USB	2 x USB 2.0	2 x USB 3.0	2 x USB 3.0	2 x USB 3.0	—	2 x USB 2.0
CAN Bus	1 x CAN-FD	2 x CAN-FD	2 x CAN-FD	—	—	—
Security	TPM 2.0	TPM 2.0	TPM 2.0	TPM 2.0	—	—
Expansion	• 1 x Mini PCIE • 1 x Micro SD Slot	• 1 x M.2 B-Key • 1 x Micro SD Slot • 1 x SIM Card Slot	• 1 x Mini PCIE • 1 x Micro SD Slot • 1 x SIM Card Slot	• 1 x M.2 B-Key • 1 x M.2 E-Key • 1 x Micro SD Slot • 1 x SIM Card Slot	• 1 x Mini PCIE • 1 x Micro SD Slot • 2 x SIM Card Slot	• 1 x Mini PCIE • 1 x Micro SD Slot • 1 x SIM Card Slot
Power Requirement	9 ~ 36 VDC	9 ~ 36 VDC	9 ~ 36 VDC	9 ~ 36 VDC	9 ~ 36 VDC	9 ~ 36 VDC
Operating Temperature	-20 ~ 70 °C	-20 ~ 70 °C	-20 ~ 70 °C	-20 ~ 70 °C	-20 ~ 70 °C	-20 ~ 70 °C

Selection guide

Intel

EMPOWERED BY HAILO EMPOWERED BY HAILO						
Model Name	IES-2031	IES-3030	IVS-5830	AIS-7000	AIS-5530	IES-5410
CPU	Intel® Processor N97, Intel® Atom x7433RE, Intel® Atom x7835RE	Intel® 13th Generation Core™ i3/i5/i7 Processor	Intel® 13th Generation Core™ i3/i5/i7 Processor	Intel® 10th Generation Core™ Xeon/i9/i7 Processor	Intel® 13th/12th LGA1700 Socket Type	Intel® 11th Generation Core™ i7/i5/i3 Processor
Ethernet	• 2 x 2.5 GbE LAN	• 1 x GbE LAN • 1 x 2.5 GbE LAN	• 2 x GbE LAN • 1 x 2.5 GbE LAN	• 2 x GbE LAN • 2 x GbE PoE LAN(Optional)	• 2 x GbE LAN	• 1 x GbE LAN • 1 x 2.5 GbE LAN
I/O	• 2 x USB 3.2Gen2 • 1 x HDMI 2.0b • 1 x DP 1.2 • 1 x DP 1.4 via USB Type C • 2 x RS232/422/485	• 1 x USB2.0 • 3 x USB 3.2Gen2 • 1 x HDMI 2.0b • 1 x DP 1.4a • 1 x DP 1.4a via USB Type C • 1 x RS232/422/485 • 1 x Audio Jack	• 2 x RS232/422/485 • 2 x RS485(Isolated) • 2 x CAN Bus(Isolated) • 4 x USB3.2 Gen1x1 • 2 x USB2.0 • 1 x USB3.2 Gen1x1(Type C) • 1 x VGA,HDMI,DP • 1 x GPIO	• 4 x RS232/422/485 • 6 x USB3.2 Gen2x1 • 1 x VGA,HDMI,DVI • 1 x CAN Bus • 1 x GPIO	• 4 x USB3.2 Gen2 • 2 x USB3.2 Gen1 (Optional) • 4 x USB2.0(Optional) • 2 x HDMI 2.0b • 2 x DP 1.4a • 2 x RS232/422/485 (Optional) • 4 x RS232(Optional)	• 1 x CAN Bus • 2 x RS232/422/485 • 4 x USB3.2 Gen2 • 2 x RS232 • 1 x HDMI 2.0b • 2 x DP 1.2a • 1 x GPIO • Mic-in, Line-out, Line-in
Expansion	• 1 x M.2 2230 E-Key *Support Hailo-8 AI module A+E key • 1 x M.2 2280 M-Key • 1 x M.2 3052 B-Key	• 1 x M.2 2230 E-Key *Support Hailo-8 AI module A+E key • 1 x M.2 2280 M-Key (optional 2nd slot) • 1 x M.2 3052 B-Key	• 1 x M.2 M-key 2280 • 1 x M.2 E-Key 2230 • 2 x M.2 B-key 3052 • 1 x MXM 3.1	• 1 x PCIe x16 • 1 x PCIe x4 • 2 x mini PCIe • 1 x M.2 M-Key 2280 • 1 x M.2 B-Key 3042	• 1 x PCIe x16 • 1 x M.2 B-Key 3042 • 1 x M.2 E-Key 2230	• 1 x Mini PCIe slot • 1 x M.2 M-Key 2280 • 1 x M.2 B-Key 3052
Power Requirement	DC-In 12V	DC-In 12V	DC-In 9~55V	DC-In 9~55V	DC-In 12~36V	DC-In 12~24V
Operating Temperature	-20~60°C	-20~50°C	-20 ~ 60 °C	-30 ~ 60/50/40 °C (35W/65W/80W TDP CPU)	0 ~ 60 °C	-20 ~ 55 °C

*IES-2031, IES-3030 AI Expansion: Hailo-8 AI module up to 26 TOPS
*IVS-5830 AI Expansion: GPU MXM 3.1 Type A up to 35W (Arc A370M 56 TOPS (Int8) peak / RTX A1000 6.66 TFLOPS peak FP32)

AI Camera

						
Model Name	PHX-F500	PHX-F800	PHX-F210	PHX-M210	CubiCAM	CAMino
Image Sensor	SONY IMX335	SONY IMX415	ONSEMI AR0234	ONSEMI AR0234	1/4.5" optical time-of-flight sensor	1/4.5" optical time-of-flight sensor
Pickup Device / Shutter	1/2.8", Rolling shutter	1/2.8", Rolling shutter	1/2.6", Global shutter	1/2.6", Global shutter	NA	NA
Resolution	5MP (2560x1920), CMOS	8MP/4K (3840x2160), CMOS	2.3M(1920x1200), CMOS	2.3M(1920x1200), CMOS	VGA (640 x 480)	VGA (640 x 480)
Lens	3.16mm, Fixed Lens, F1.8	1.74mm, Fixed Lens, F1.8	3.48mm, Fixed Lens, F1.8	6mm-22mm, Zoom Lens	NARROW	NARROW
Angle of View (H, V, D)	• 97.0°, 73.0°, 126.0°	• 125.4°, 67°, 148.4°	• 113.4°, 95.8°, 59.6°	• W:55.4°, 43.4°, 32.0° • T:21.6°, 17.4°, 13.1°	• (V) 50.2° / (H)64° / (D)78.0°	• ToF: 64°, 50.2°, 78.0° • RGB: 83.2°, 61.2°, 108.4°
Frame rate (max.)	30fps	30fps	100fps	100fps	15fps	15fps
CPU	NVIDIA Jetson Orin™ NX 16GB, 8GB NVIDIA Jetson Orin™ Nano 8GB, 4GB				NVIDIA® Jetson Orin™ Nano Arm® Cortex®-A78AE v8.2 64-bit CPU	
Storage	• 1x M.2 M-Key slot support NVMe • 1x Micro SD Card Slot				Onboard 4/8GB 64/128-bit LPDDR5	
Ethernet	1x GbE with PoE PD, RJ45				1 x GbE LAN, RJ45	
Display	1x HDMI 2.0- Output					

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Your Safety, Our Focus

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