

VISION AI

ENTRUST YOUR COMPLEX TASKS TO A PRE-VALIDATED SOLUTION WITH TURNKEY AI VIDEO ANALYTICS

Vision AI solution is created and certified by the group of trusted experts in the market: NVIDIA, AxxonSoft, Advantech, and Dell.

ABOUT VISION AI

Vision AI is a powerful suite of **AxxonSoft** apps and **NVIDIA**-certified hardware bundles based on **Dell** and **Advantech** servers that have been expertly customized and pre-validated for vertical deployments across smart spaces, such as retail, manufacturing, airports, and campuses. These solutions enables enterprises to easily adopt, deploy, and scale AI solutions that can significantly enhance safety and operational efficiency.

ADVANTECH MIC-733-AO



NVIDIA® Jetson AGX Orin 32G

8-core Arm® Cortex®-A78AE v8.2 64-bit CPU,
2MB L2 + 4MB L3, 2.2 GHz

1792-core NVIDIA Ampere
architecture GPU with 56 Tensor Cores,
930 MHz

AI Performance – 200 TOPs

Up to 50 AI analytics channels

DELL PRECISION 3660 TOWER



Intel® Core™ i7-12700 Processor

NVIDIA® RTX A2000

RAM DDR5 1 x 16 GB, 2 x 8 GB

100 Axxon One Enterprise Camera Licenses

Up to 70 AI analytics channels

DELL PRECISION 7920 RACK



Intel® Xeon® Silver 4210R

NVIDIA® RTX A4000

RAM DDR4 1 x 32 GB, 4 x 8 GB

250 Axxon One Enterprise Camera Licenses

Up to 100 AI analytics channels



AI BEHAVIOR
ANALYTICS



AI HUMAN
DETECTION



AI OBJECT
COUNTING



AI OBJECT
DETECTION



AI PROTECTIVE
GEAR USE
CONTROL



LICENSE PLATE
RECOGNITION
AND SEARCH



MOMENTQUEST
SMART SEARCH



OFFLINE
ANALYTICS



DYNAMIC PRIVACY
MASKING



POINT OF SALE
SUPERVISION



QUEUE
MANAGEMENT



VISITOR
COUNTER



HEAT MAP



ONLINE
COMPREHENSIVE
REPORTS



INTERACTIVE
3D MAP



TAG & TRACK



AI SIMILARITY
SEARCH



AI VEHICLE MAKE
AND MODEL
RECOGNITION

VISION AI

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Axxon One is scalable video management software (VMS) that fits both small and large video surveillance installations, including those distributed across many locations. It supports the latest ONVIF standards, such as Profile M, and delivers unique value through integrated solutions, customizable AI video analytics, and fast, intelligent search in video footage from multiple cameras.



AxxonSoft Solutions



Retail

Solution

POS supervision, queue detection, visitor counting, visitor interest heat mapping



Education

Solution

Vape detection, access control, scheduled intrusion detection, foot traffic heat mapping



Healthcare

Solution

Locating patients leaving their rooms, man down detection, medical mask detection



Banking

Solution

ATM tampering and raised hands detection, access control, remote branch monitoring



Casinos

Solution

Identification of VIPs and unwanted visitors, self-exclusion list checks



Airports

Solution

Queue length estimation, detection of people, vehicles, and foreign objects on the runway



Safe City

Solution

Unlimited scalability, video wall management and centralized monitoring of distributed sites



Production

Solution

Locating people in hazardous areas, monitoring the use of personal protective equipment

GET YOURS NOW

