

AI-VAL300

AI Appliance

DESCRIPTION

Enhance your site's security and improve incident response times with the Starview AI-VAL300 AI Appliance, which enables advanced video analytics on existing cameras. The Starview AI-VAL300 AI Appliance remedies critical security vulnerabilities without the need to replace expensive hardware, supports variety of cameras, and provides server-side analytics. Future-proof your security infrastructure with the AI-VAL300 AI Appliance, which leverages the latest advances in generative AI for improved situational awareness.

The behavioral analysis system using artificial intelligence (AI) technology is a smart monitoring solution, designed to detect abnormal behaviors early and give timely warnings. The system is applied in sensitive areas such as detention facilities, industrial zones, security facilities or places that need 24/7 monitoring, helping to improve management efficiency, ensure safety and prevent risks.



Server-side analysis

Enables behavioral analytics on existing cameras



Turnkey and secure deployment

A well-designed solution, specifically for security and IT teams, with easy setup and secure operation.



Ready for on-premises generative AI

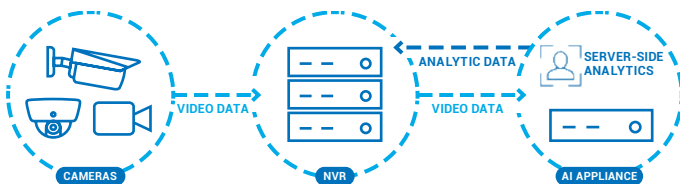
A dedicated AI model is installed on the server, trained to recognize human behaviors in the surveillance space. The model uses deep learning technology (CNN, Transformer-based vision models) to extract image features and classify behaviors according to specific scenarios

Strengthen your security with server-side analysis and generative AI

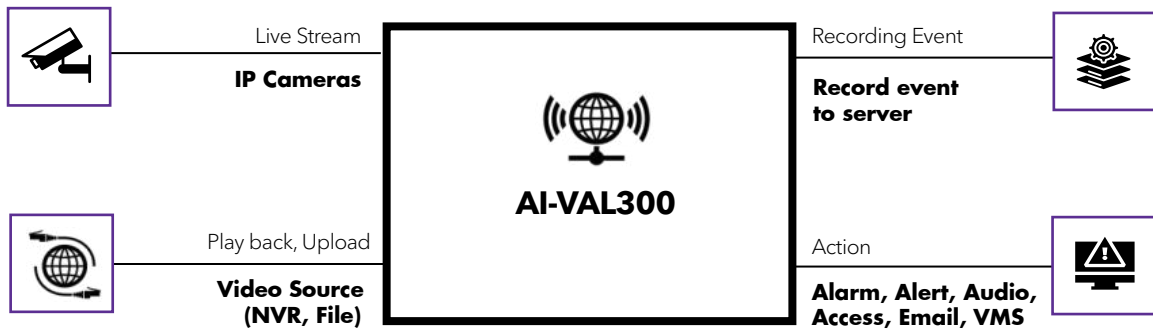


KEY FEATURES

- Personalized AI: Based on real life video feeds enabling training models easily and quickly.
- Health monitoring for proactive maintenance.
- New dynamic monitor view for alarms.
- Zero vendor lock-in: run Axis, Bosch and other brands simultaneously in one interface.
- Convert non AI enabled cameras to run advanced video analytics.
- Integrated with market leading VMS such as Milestone Systems and Genetec.



SYSTEM CONFIGURATION AND MANAGEMENT



HOW IT WORKS



Starview IVA processes video stream content to develop meaningful insights about the activity and objects.



Starview IVA verifies the suspicious content in real-time through the Smart Decision-Making algorithm. Information on the object, activity or identity is retrieved and forwarded to the alerting protocols.



Starview IVA distributes alerts in real-time to security response units through web and mobile channels with a relevant screenshot and complete information about the location and time of the incident.

SERVER-SIDE ANALYSIS

Suicidal or injurious behavior:

Identify dangerous movements such as hanging, head banging, unusual falls, or postures that indicate a high risk to life safety.



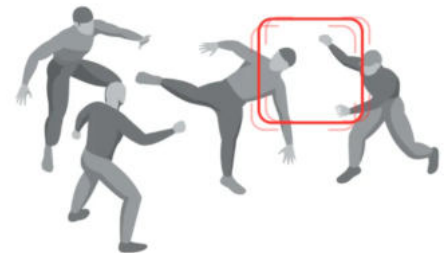
Unusual behavior at night:

Detect continuous movement, climbing, sneaking during rest periods or in restricted areas.



Gathering or disruptive behavior:

Analyze the scene to detect large gatherings, arguments, shouting, and disturbances, allowing early intervention.



BENEFIT

- Active monitoring: the system automatically detects abnormal behavior instead of relying entirely on humans.
- Early warning - quick response: helps operators intervene promptly, limiting incidents.
- Enhanced security and safety: especially in sensitive environments such as prisons, mental hospitals, dormitories or industrial zones.
- Behavioral data analysis: supports statistics, risk assessment and optimizes management.

Technical specifications **AI-VAL300**

RECOMMENDED VIDEO STREAM RESOLUTION	Minimum CIF (352 x 240), Maximum 4K (3840 X 2160)
RECOMMENDED FRAME RATE (FPS)	8-30 frames per second
SUPPORTED VIDEO FILE FORMATS	.264, .3GP, .ASF, .AVI, .DAV, .DIVX, .DVR*, .FLV, .G64, .G64X, .GE5, .MKV, .MOV, .MP4, .RAW, .RT4, .TS, .WMV, .XBA (single & multi-stream)
SUPPORTED CODECS	H.264, H.265/HEVC, MPEG-4, H.263 (H.265 is supported for selected VMSs and cameras)
FILE-BASED INGESTION	Multi-file videos or single file videos
SUPPORTED VMS PLATFORMS	American Dynamics, Arcanes Technology, Avigilon, Axis, Bosch, CASD, Dallmeier, Digifort, Digital Watchdog, Exacq, FLIR, Genetec, Geutebruck, Hanwha, Hikvision, IndigoVision, Intellicene, IPConfigure, ISS, LenelS2, March Networks, Milestone, Network Optix, Panasonic i-PRO, Pelco, Qognify, Salient, Surveillus*, Synectics*, Teleste, Verint * Plugins created by the VMS partner
SUPPORTED CAMERA TYPES	Fixed Cameras
SUPPORTED LANGUAGES	Arabic, Brazilian Portuguese, Bulgarian (not including RESEARCH), Chinese Simplified, Chinese Traditional, Danish, Dutch, English, Finnish, French, German, Hebrew, Italian, Japanese, Korean, Latin Spanish, Russian, Thai, Turkish, Ukrainian, Vietnamese ** Please contact an authorized Starview representative for your language supported region.
PROCESSOR	Dual Enterprise 48 core Intel® Xeon® processor
MEMORY	8x 64GB DDR5
HARD DRIVE	1x SSD 960GB
NETWORKING	Dual NIC 10Gbps
DISPLAY ADAPTER	2x NVIDIA 32GB

For technical or sales support, please visit:

www.starviewint.asia

Performance specifications are typical. Due to constant research, specifications are subject to change without notice. For the most up-to-date specifications, please contact an authorized Starview representative.

For assistance with confirming the Jurisdiction & Classification of Starview Asia products, please contact info@starviewint.asia

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