

Networking & Communication

AI Surveillance Station



PLANET Technology Corporation

普萊德科技股份有限公司



Winning Reason

PLANET's platform successfully pushes AI inference capabilities to the edge, seamlessly integrating real-time monitoring, privacy protection, and system scalability to deliver exceptional system integration value. With clear potential for deployment in smart cities and industrial safety, this solution marks the beginning of a new era where surveillance systems evolve into a unified operational platform, merging security, networking, and AI into a single cohesive ecosystem.

Product Feature

The AI Surveillance Station (AIS-1000) is an Edge AI surveillance system built into networking equipment, helping SMBs to adopt AI monitoring fast. Unlike storage-only NVR platforms, it delivers real-time analytics at the edge. It works with existing IP cameras and NVRs (no replacement required), turning them into a smart AI system, extending hardware life, and reducing e-waste. On-site processing keeps video data local for stronger privacy.

- Industry-first to incorporate LLM (Large Language Model) search to find key video events by description
- 13 TOPS NPU for high-speed Edge AI inference
- On-device detection cuts bandwidth and latency
- Cross-camera, cross-time search with face recognition and allow/deny lists for immediate security alerts

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