



AVIDBEAM TECHNOLOGIES

Retail Sector Solutions

In today's digital age, conventional retailers must adjust and start innovating to avoid falling behind. Video Analytics allows for a greater understanding of consumer views, preferences, and purchasing patterns which was only available for e-retailers. AvidBeam software modules automatically analyzes video surveillance live streams to extract wealthy useful business intelligence information.

Retail

With AvidBeam Solutions, conventional retailers can replicate e-retail analytics experience. It aims to provide store owners with intelligence related to business operations such as customer count, demographics, pathway, and marketing graphs for distribution, density and pathway analysis.



Ease of

Integration



Cost

Saving



Customer

Centric



Scalability &

Flexibility



Efficiency

Optimization



GenAI-enabled Turn videos into language

Sector Challenges

✓ Safety & Security

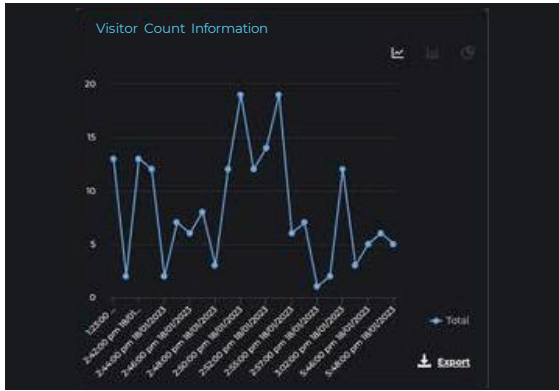
✓ Customer Journey

✓ Increased Sales

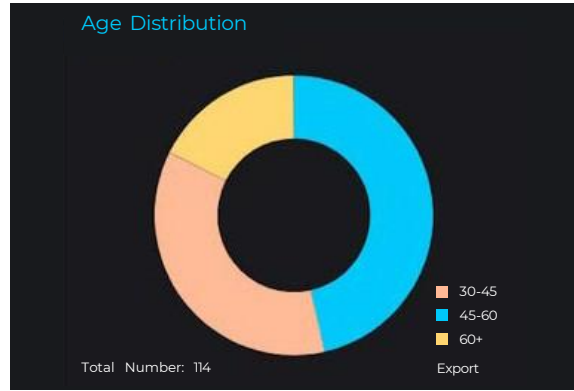
✓ Staff Management

AvidBeam Solutions Can Help You Transform Your Business Operations, Safety and Security Challenges

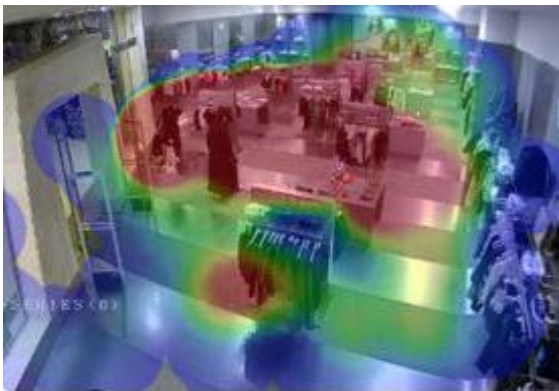
- ◆ Visitor Count
- ◆ Visitor Gender & Age Distribution
- ◆ Customer Flow & Distribution Analysis
- ◆ Heat Map Analysis
- ◆ Cashier Queue Management
- ◆ Correlation among Advertising Campaigns & Customer Count
- ◆ Visit Pathway Analysis
- ◆ Manage Store/Mall Occupancy
- ◆ Access Density Analysis (access volumes based on time-of-day)
- ◆ Customer Traffic Forecast Based on Historical Data
- ◆ Graphical Representation of Data
- ◆ Diversified Set of Configurable Alarms



Visitor Count



Age/Gender Distribution



Heat Map Analysis



Area Density Analysis

AvidBeam's Comprehensive Dashboard

- Comprehensive View
- Customizable Layout
- Custom Queries
- Custom Reports
- Fast Advanced Search
- Custom Widgets



AvidBeam® Technologies, founded by former Intel professionals and headquartered in the Netherlands, delivers AI-powered video analytics built on deep learning, computer vision, GenAI and big data architectures. Its scalable, fault-tolerant platform emphasizes integration flexibility and hardware optimization. Certified by NVIDIA and Intel, AvidBeam integrates with leading VMS and IoT systems, and globally trusted by critical infrastructure, smart cities, governments, and enterprises including Fortune 500 companies.



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