Smart Cities Solutions

Video analytics has various applications in smart cities, from providing real-time insights into critical business operations, improving traffic flow, to enhancing public safety & security. AvidBeam software modules automatically analyzes video surveillance live streams to extract wealthy useful business intelligence information

AVIDBEAM

Smart Cities

With AvidBeam solutions, cities can now leverage technology to optimize their operations, improve public safety, and manage traffic. When collected they can provide valuable insights that can help cities make data-driven decision about their development strategies

Ease of Integration

Cost Saving

Customer Centric

Scalability & Flexibility

Efficiency Optimization

Sector Challenges

- ☑ Enhance Security
- ☑ Public Safety
- ☑ Traffic Management
- ☑ Crowd Management

AvidBeam Solutions Can Help You Transform Smart Cities Operations, Safety and Security Challenges

TRAFFIC MANAGEMENT

- License Plate Recognition
- Monitor Traffic Flow
- Vehicle Count
- Illegal Parking
- Traffic Light Violation
- Detect Vehicle Speed
- Traffic Violations Detection
- Seatbelt Violation
- Wrong Direction Detection
- Vehicle Classification

TRANSPORTATION HUBS

- Passenger Count
- Passenger Database
- Watchlists
- Anomaly Detection
- Unusual Crowd Detection
- Gender/Age Detection
- Facial Recognition
- Left Object Detection
- Intrusion Detection
- Loitering Detection
- Social/ Safety Distance
- Heat Maps Analysis

AVIDBEAM

🛡 LAW ENFORCEMENT (public safety)

- Loitering Detection
- Fighting Detection
- Anomaly Detection
- Left Object Detection
- Unusual Crowd Detection
- Facial Recognition
- Fire & Smoke Detection
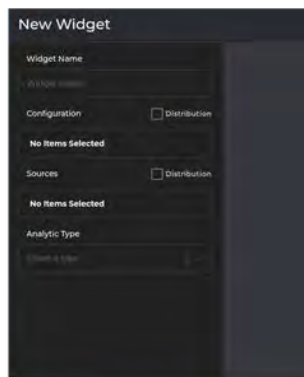- Create Watchlists

🏢 SMART BUILDINGS

- Intrusion Detection
- Loitering Detection
- Unusual Crowd Detection
- Visitor Count
- Visitor Watchlists
- Gender/Age Detection
- Left Object Detection
- Visitors Database
- Fire & Smoke Detection

🏪 RETAIL AREAS

- Face Recognition
- Visitor Count
- Visitor Journey Map
- Age/Gender Detection
- Heat Map Analysis
- Visitor Pathway Analysis
- Access Density Analysis
- Customer Traffic Forecast
- Cashier Queue Management
- Customer Flow & Distribution

AvidBeam's Comprehensive Dashboard

Comprehensive View

Customizable Layout

Custom Queries

Custom Reports

Fast Advanced Search

Custom Widgets

AvidBeam® is an AI video analytics company that pushes the boundaries of video processing capabilities with big data distributed architecture. Its expertise in computer vision, deep learning, visualization and neural networks enable AvidBeam® to offer scalable video analytics solutions for security, safety and business intelligence applications to its customers. AvidBeam team delivers video processing and analytics products cutting across various verticals and geographies including Smart Cities, Smart Retail, Transportation, Oil & Gas, Healthcare, Education, etc in the Middle East, Gulf and North America. Headquartered in the Netherlands with teams in the US, Egypt and Saudi Arabia

www.avidbeam.com
info@avidbeam.com