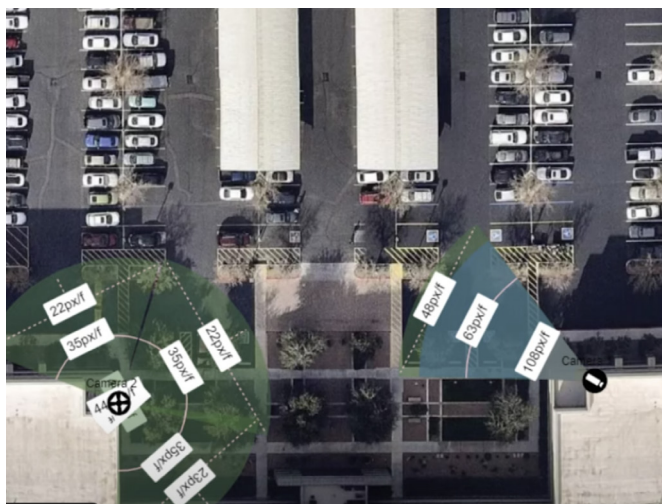# A GUIDE TO ENSURING USABLE VIDEO

OVERVIEW

A well-planned video surveillance system is essential for security, operational efficiency, and incident verification. Whether deployed in schools, businesses, healthcare facilities, retail spaces, or industrial sites, an effective system must provide clear, reliable, and actionable footage. Here are key considerations to ensure your surveillance system delivers usable video while maintaining consistency, scalability, and cost efficiency.

KEY AREAS TO ADDRESS:

1. Define Expectations & Requirements

Clearly Identify Objectives: Determine the primary purpose of your surveillance system—i.e. live monitoring, post-event investigation, compliance, or operational oversight.

Prioritize Key Areas: High-traffic and high-risk zones such as entry points, parking lots, critical assets, production areas, and transaction zones should be the focus.

Establish System Standards: A unified security standard ensures consistency across multiple locations, simplifies maintenance, and enables seamless system expansion.

2. Strategic Design & Technology Selection

Ensure Adequate Pixel Density: Video must capture sufficient detail to identify people, activities, and objects accurately. Overestimating camera capabilities can result in poor-quality footage.

Match Camera Type to Location:
- Wide-angle multi-sensor cameras for large spaces
- High-resolution cameras for entry points and identification zones
- Low-light and infrared cameras for 24/7 surveillance
- AI-powered video analytics to enhance detection and reduce false alarms

Leverage Emerging Technologies:
- Multi-sensor cameras for broader coverage
- Cloud-based storage for scalability
- AI-powered video analytics to reduce false alarms and enhance efficiency

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3. Ensure Proper Installation, Deployment & System Management

Evaluate On-Premises vs. Cloud Solutions: Weigh the benefits of each based on your needs, keeping in mind the risks of being locked into a proprietary cloud platform.

Facilitate Cross-Department Collaboration: IT, security, and operations teams should work together to ensure proper system integration and accessibility.

Minimize False Alarms & System Failures: Proper camera placement, calibration, and alert configuration prevent unnecessary disruptions and ensure security personnel remain engaged.

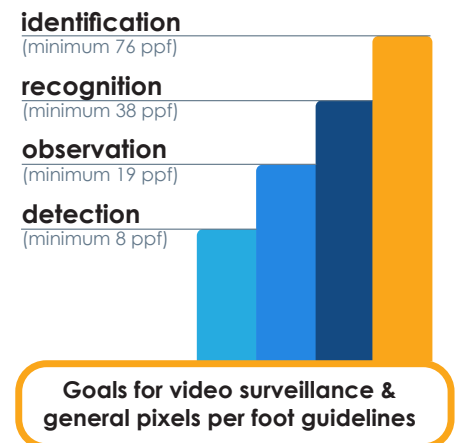## 4. Procurement, Scalability & Cost Efficiency:

Define Requirements Clearly in RFPs: When sourcing vendors, ensure technical specifications, coverage expectations, and system capabilities are clearly outlined to prevent scope deviations.

Reduce Cost of Ownership with Standardization: A structured security standard can lower installation costs, improve efficiency, and enable remote diagnostics, reducing unnecessary site visits.

Plan for Future Growth: Implement scalable architecture that supports new locations, AI integration, and evolving security needs.

CONCLUSION

A strategic approach to video surveillance ensures high-quality, actionable footage while optimizing performance & cost-effectiveness. By defining objectives, selecting the right technology, ensuring proper system management, & enforcing security standards, organizations across all industries can deploy a reliable, scalable, and future-proof surveillance solution.

identification
(minimum 76 ppf)

recognition
(minimum 38 ppf)

observation
(minimum 19 ppf)

detection
(minimum 8 ppf)

Goals for video surveillance & general pixels per foot guidelines

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the right **choice**
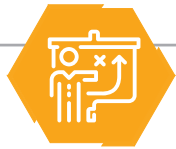Make better-informed security decisions on what equipment to use in your security designs & technologies.

Access Control

Video Surveillance

Perimeter Security

Critical Integrations

the right **process**
Ensure your deployment & ongoing system management is running efficiently & in a cost-effective manor.

Technology Choice

Deployment Practices

Reduce Cost of Ownership

Scalable Solutions

the right **connects**
Maximize the benefits your security system offers while connecting seamlessly to other business critical systems.

Human Resources

Finance

Compliance

Information Technology

the right **support**
Finally a support solution customized around you, your business needs, & budget.

Comprehensive Service Plans

Synchronized Warranties

System Longevity Planning

Managed Services

Next Level Security Starts Here! Inquire at
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