



Perspective VMS

Product Datasheet

Perspective VMS™ Version 3.0.0

Perspective VMS™ is a video surveillance management software exclusively developed and manufactured by LENSEC as an intuitive, feature-rich platform that is scalable and fully flexible. PVMS's primary function is monitoring and recording video surveillance cameras and security devices. The software streams IP video and the user interface is accessible through a thin-client application.

Perspective VMS uses HTML5 interactive features in a browser-based application that is designed to provide real-time situational awareness. Video analytics and access control are integrated into the unified security platform creating an ability to track behavior and movement while monitoring the live or recorded video.

PVMS is available in three editions depending on the project scope.

PVMS FEATURE MATRIX

FEATURE	EXPRESS EDITION	STANDARD EDITION	ENTERPRISE EDITION
Number of Users	Unlimited	Unlimited	Unlimited
Number of Cameras	10	100	Unlimited
HTML5 Browser-Based	✓	✓	✓
Live Streaming	✓	✓	✓
Multi-Camera Viewing	✓	✓	✓
Mobile App	✓	✓	✓
Video Tagging	✓	✓	✓
Access Control	-	✓	✓
Workflow Tools	-	-	✓
Active Directory	-	-	✓
Video Analytics	-	-	✓
Archive Locking	-	-	✓

ENTERPRISE EDITION

PVMS Enterprise Edition was developed first as an enterprise level tool with features based directly on customer input. PVMS Enterprise allows an unlimited number of cameras and servers. There are no software limits. The software edition is ideal for a distributed network requiring advanced features such as Active Directory, embedded Video Analytics, and more. PVMS Enterprise Edition can manage data and video streaming from thousands of cameras. Access Control and Video Analytics integrations are included for 3rd party software.



STANDARD EDITION

PVMS Standard Edition adds many valuable advanced features. PVMS Standard is capable of licensing up to 100 cameras. This software edition is for projects with a medium scope. Mid-tier projects which incorporate a few sites and need centralized management at a budget-friendly price point are an ideal fit. Access Control integration is included for 3rd party software.

EXPRESS EDITION

PVMS Express Edition is a scaled down version of the Enterprise Edition. PVMS Express allows up to 10 cameras and is designed for small projects with a limited scope in a single-site deployment. For projects requiring advanced integration, please consider upgrading to Perspective VMS Standard or Enterprise Editions.

SYSTEM REQUIREMENTS

Perspective VMS operates using an HTML 5 platform and can be run as a client version through standard web browsers including Google Chrome and Microsoft Internet Explorer.

NOTE: For servers and client recommendations, LENSEC recommends Microsoft platforms including Windows Server (2008 and 2012 R2), as well as Windows desktop versions of Windows 7, Windows 8.1 and Windows 10. Windows 2003 Server, Windows XP and Windows 8 are **NOT** recommended as they are no longer supported with security patches and updates by Microsoft.

CLIENT RECOMMENDATIONS

NOTE: Specifications may vary based on anticipated video streaming requirements per installation.

Client Hardware	Client Software
Processor: 2.4 GHz (x64 Processor) or 1.3GHz (Dual Core)	Client OS: Windows 7 or above (Recommend Windows 10)
Memory: Minimum 4 GB RAM	Client OS: Mac OSX or higher (Recommend OSX Lion)
Available Disk Space: Minimum 10 GB	Browser: Google Chrome 56.0 or above
Display: SXGA (1280 x 1024) or higher resolution	Browser: Internet Explorer 11.0 or above

SERVER SYSTEM RECOMMENDATIONS

NOTE: All services may be installed on a single stand-alone server.

WEB SERVER AND ARCHIVE/STREAMING SERVER

Server Hardware	Server Software
Processor: 2.4 GHz (x64 Processor) or 1.3GHz (Dual Core)	Server OS: Windows 2008 Server or above (Recommend Windows 2012 R2 Server)
Memory: Minimum 16 GB RAM	Web Server: Internet Information Services 7 or above
Available Disk Space: Minimum 320 GB	Mime Types: .xap and .xaml files
OS Partition: Minimum 60 GB (if applicable)	Microsoft .NET Framework 4.6
Network Interface Controller: Minimum 1 GB	

DATABASE SERVER

Server Hardware	Server Software
Processor: 1.0 GHz	Server OS: Windows 2008 Server or above (Recommend Windows 2012 R2 Server)
Memory: Minimum 16 GB RAM	DB Server: Microsoft SQL Database 2008/2012/2014 (Express/Standard/Enterprise)
Available Disk Space: Minimum 320 GB	



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