



TITANUS Pro VMS / NVR System

INTRODUCTION

The TITANUS embedded Hot Swap VMS / NVR System is designed based on Intel® embedded platform equipped with Intel® Core™ i5/ Core™ i7/ Core™ i9 processors with pre-loaded GeoVision Surveillance software. The TITANUS Hot Swap VMS / NVR System features a powerful data storage capacity. It comes with a selection of 5-Bay or 8-Bay hot-swappable SATA mobile racks with upgradable option to RAID 5 storage system. Depending on HDD size, the TITANUS Pro Hot Swap VMS / NVR System can store up to 128 terabytes of recorded data. Support for hot-swapping makes data storage and management more convenient. The Intel vPro® Platform with Intel® Active Management Technology are available to suit users' need on remote system management in out-of-band connectivity upon request.

TITANUS embedded Hot Swap VMS System support Intel vPro® powered Intel® Active Management Technology, to provides persistent out-of-band connectivity that operates independently of the OS, allowing fixes to a wider range of systems issues. It is useful to user who prefer remote access troubleshooting the server.

GeoVision Surveillance System empowers the TITANUS Pro VMS/ NVR System with up to maximum of 64 video channels. Its networking capability makes remote access and control of the system possible. Additionally, its compatibility with other GeoVision accessories can cater to any kind of needs or budgets.

KEY FEATURES

- Powered by Intel® Core™ i5/ Core™ i7/ Core™ i9 processors
- Support H.265 CPU and GPU decoding
- Solid State Drive for OS
- 64-bit Windows 10 IoT Embedded
- Support up to 64 channels GV-VMS / GV-NVR (max. 32 channels)
- Maximum storage capacity of up to 128 terabytes
- Hot-swap status LED panel
- 4U 5 Bay / 8 Bay hot-swap SATA HDDs
- Built-in Intel® Active Management Technology (Intel vPro®)
- Extreme performance for GV-VMS / GV-NVR operation
- Compatible with full selections of GeoVision accessories

SPECIFICATION

System		
Model	TITANUS Pro P5	TITANUS Pro P7
CPU	Intel® Core™ i5	Intel® Core™ i7
Chipset	Intel® 700 Series / Intel® 600 Series / Intel® 500 Series	
RAM	8GB/ 16GB (Max 32GB)	
OS	64-bit Windows 10 IoT Embedded	
Connector	Ethernet	RJ-45, 10 / 100 / 1000 Mbps x 2 (upgradable to support Intel® AMT)
	Display Output	DB-15 VGA Monitor Output, Display port Output, or HDMI Output
	USB	Front: 2 port, Rear: 2 ports
Fan	Rear: 2 units	
Power	500W / 800W	

Model	GV-VMS	GV-NVR (GV)	GV-NVR (3 rd Party)
Video and Audio			
Video Input	64 channels	32 channels	1,2,4,6,8,10,12,16,18,20,22,24,26,28,30,32 channels
Audio Input	64 channels	32 channels	1,2,4,6,8,10,12,16,18,20,22,24,26,28,30,32 channels

Features	
Maximum # of Channels	Up to maximum 500 hosts
Maximum # of Subscribers	Unlimited
Real Time Audio Monitoring	Support
Remote PTZ Control	Yes
Auto Recording	Yes
Event List Viewer	Yes
Event List Filter	Yes
Dual Monitor Support	Yes
Automatic Connection Recovery	Yes
Keep Day Notify	Yes
Notification Alert Approach	Yes
Event Log Save as MS Access	Yes
Connection Lost Detection	Yes
Storage Information	Yes