



## M200 series Network Video Recorder

GVD M200 is a full-featured and affordable mini NVR that takes IP surveillance to a whole new level. Equipped with an embedded system, it provides complete and intuitive functionality with reliability and stability not offered by other NVR products. It is the best solution for small to mid-sized installations, including retail, offices, campus and other multisite applications.

### Key Feature

- Pre-built 9 or 18 Channel license with 5 hard disk tray for flexible video recording
- Compact design with local video display capability
- Hard disk trays with easy access for flexible video storage planning
- Supports large data throughput for multiple megapixel cameras triplex video functions
- Easy video export function with DVD, USB or network disk drives
- Equips with the reliable and robust DOM-based (Disk-on-Motherboard) Windows embedded platform
- Operates with GVD Remote thin client to meet the needs for simple remote management
- Provides the unique Time Sector Engine for the best video read-write performance on hard disk drives (HDDs)

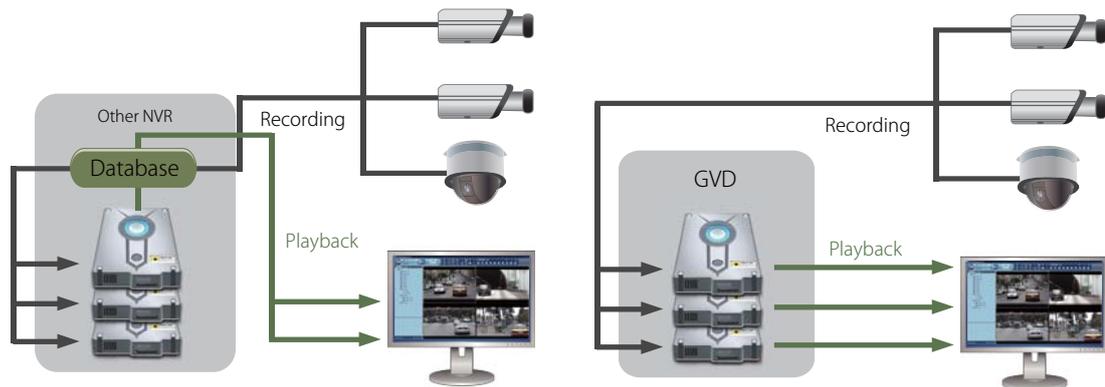


## Features That Make a Difference

### Simultaneous Live view. Recording and Playback

#### ■ Time Sector Engine (TSE)

Time Sector Engine uses GVD's proven state of art technology and brings best video performance in the industry. Without using the inefficient database design, GVD 's Time Sector Engine retrieves video data directly from pre-allocated HDD , which guarantees simultaneous live video viewing, video recording and playback. With only a few clicks of mouse, users can view every instance when someone crossed a perimeter or moved an object.



Database - Retrieves video from HDD through Index

TSE - Retrieves video directly from pre-allocated HDD

### Easily Export Video with Click of Mouse

#### ■ Spooler

Spooler is an area designed for temporary storage. With single click of mouse, users can easily save and export video/images. The exported video preview even allows user to verify the content and quality of video before exporting.

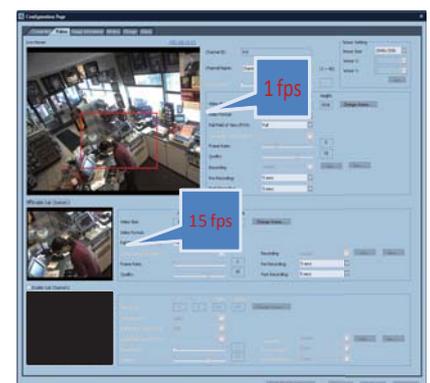


### Save Bandwidth and Storage by Flexible Sub-channel Support

#### ■ Sub-channel

By taking the full advantage of the camera multiple-streaming feature, GVD NVR supports up to two additional sub-channel streams independent from the main stream.

With this powerful feature, users could flexibly plan their recording and streaming solution based on the available storage and bandwidth on each location.



## Support HTML Map for Premise Overviews and Quick Navigation

### ■ HTML map

GVD NVR supports HTML map for easy navigation to cameras in multiple locations. Users can directly download maps from internet or any drawing tools. With the powerful HTML feature, users can put cameras on the maps, add hyperlinks and bring up live video directly from the map with a click of mouse.



## Storage Capability

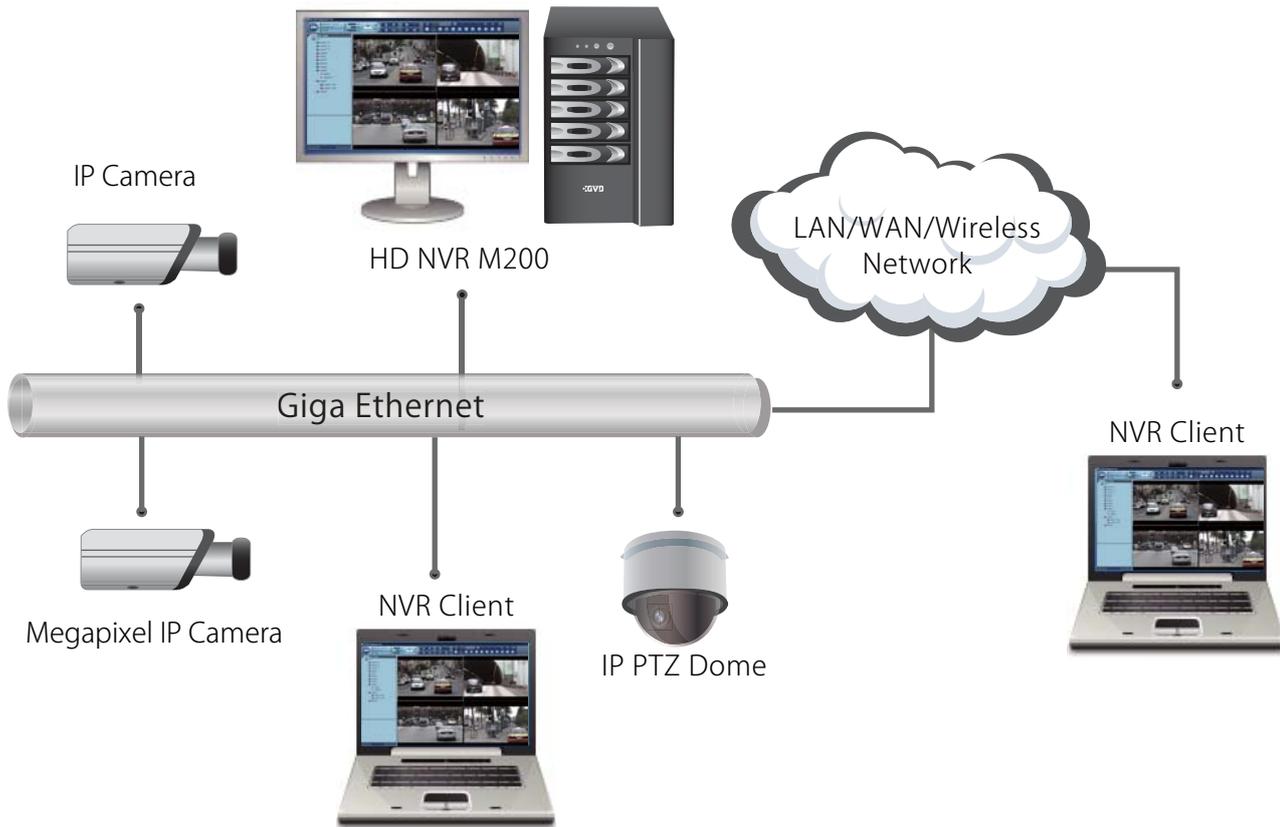
Model	Channel	Compression	Resolution	Frames Per Second			
				7	10	15	30
M200	9	MPEG4	D1	70(days)	45	35	25
	9	H.264	1.3M	65	45	30	14
	9	H.264	2.0M	50	35	25	14(24FPS)
	9	H.264	3.0M	30	20	14	
	18	MPEG4	D1	35	25	14	10
	18	H.264	1.3M	30	20	14	7
	18	H.264	2.0M	25	20	10	7
	18	H.264	3.0M	14	10	7	

\*Noted: based on 5 HDD trays of 1.5 TB each

## Hardware Specification

Model No	 M200
Processor	Intel Core2 Duo E7500
Memory	DDR2-800 4G
Operation System	Windows XP Embedded OS
HDD Tray	5 (3.5" HDD)
Video Outputs	VGA x 1
USB	Rear x 4
OnBoard LAN	Gigabit x 2
RS232 Serial Port	DB9 x 1
Dimensions(DxWxH)	330 x 177 x 280mm
Power Consumption	250W

# System Diagram



# Camera Support List

