



## M320 Network Video Recorder

GVD M320 is an intuitive yet comprehensive video solution for the 24 x 7 mission critical application that answers the toughest surveillance requirements for multiple megapixel cameras with real-time triplet video operations. It is the best solution for mid-sized installations, including police, factory, government and hypermarket.

### Key Feature

- Pre-built 24 Channel license for flexible video recording
- Supports large data throughput for multiple megapixel cameras triplex video functions
- Easy video export function with DVD, USB or network disk drives
- Provides the unique Time Sector Engine for the best video read-write performance on hard disk drives (HDDs)
- Equips with the reliable and robust DOM-based (Disk-on-Motherboard) Windows embedded platform
- Operates with Remote thin client to meet the needs for simple remote management

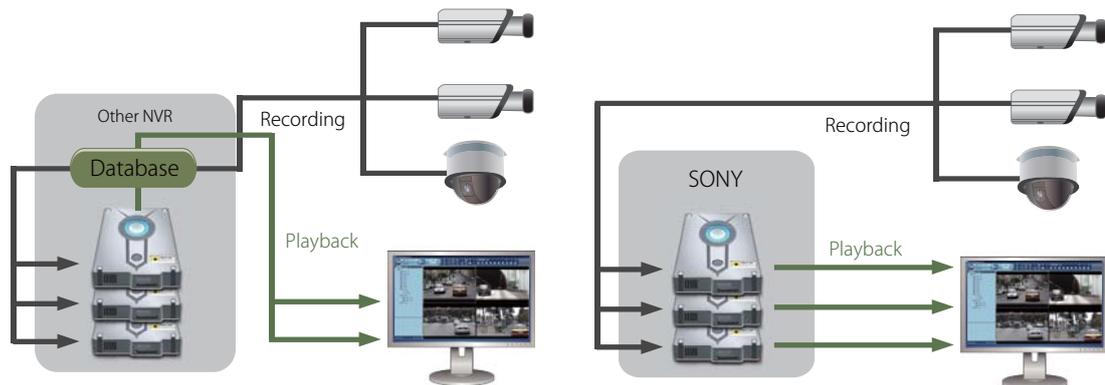


## Features That Make a Difference

### 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, The Time Sector Engine retrieves video data directly from pre-allocated HDD , which guarantees simultaneous live video viewing, video recording and play back. With only a few clicks of mouse, users can view every instance when someone crossed a perimeter or moved an object.



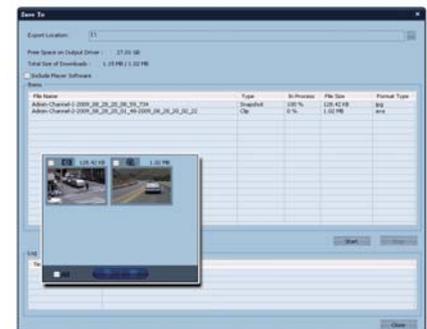
Database - Retrieves video from HDD through Index

TSE - Retrieves video directly from pre-allocated HDD

### Easily Export Video with Click of Mouse

#### ■ Spooler

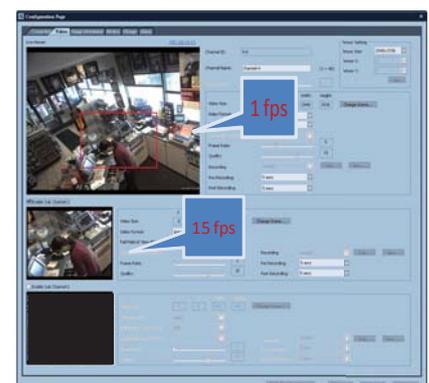
Spooler is an area designed for temporary storage. With single click of mouse, users can easily save and export video/images. The exported video preview even allows user to verify the content and quality of video before exporting



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

#### ■ Sub-channel

By taking the full advantage of the camera multiple-streaming feature, GVD M320 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 M320 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.

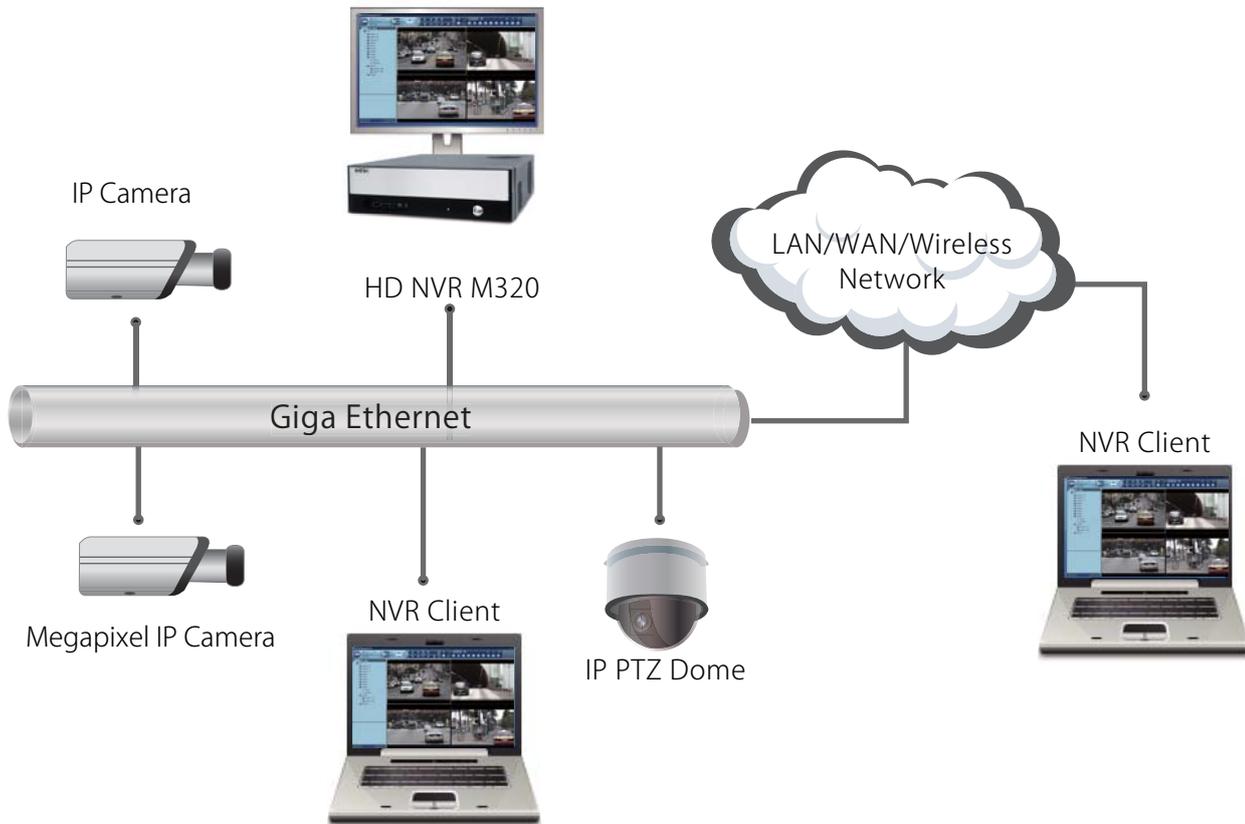


## Storage Capability

Model	Channel	Compression	Resolution	Frames Per Second			
				7	10	15	30
M320	16	MPEG4	D1	30(days)	20	14	10
	16	H.264	1.3M	30	20	14	7
	16	H.264	3.0M	14	10	7	
	24	MPEG4	D1	20	14	10	7
	24	H.264	1.3M	20	14	10	

## Hardware Specification

Model No	 M320
Processor	Intel Core2 Quad Q9300
Memory	DDR2-800 4G
Operation System	Windows Embedded Standard 2009
HDD Tray	3
Video Outputs	VGA x 2
USB Port	6
LAN Port	Gigabit x 1
RS232 Serial Port	x
Dimensions(DxWxH)	395 x 95 x 325 mm
Power Consumption	200W



## Camera Support List

