



M100 series Network Video Recorder

GVD M100 is a flexible and innovative all in one recording solution for multi-camera monitoring, recording and play back. Measuring only 27 cm(approximately 11 inches), it offers unsurpassed security in a space-saving design. It is the best solution for small to mid-sized installations , including retail and small branch offices.

Key Feature

- Pre-built 6 Channel license best for D1~1.3M installations
- Compact design with local video display capability
- Quiet operating condition ideal for office enviroment
- 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 simole remote management
- Provides the unique Time Sector Engine for the best video read-write performance on hard disk drives (HDDs)

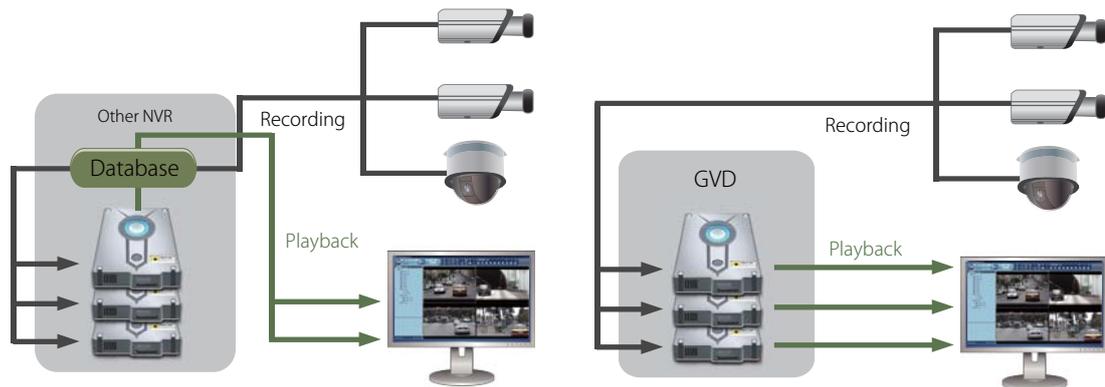


Features That Make a Difference

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 play back. With only a few clicks of mouse, users can view every instance when someone crossed a perimeter or moved an object.



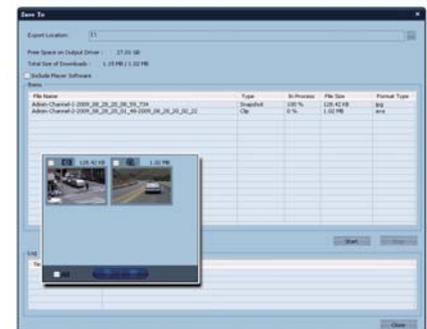
Database - Retrieves video from HDD through Index

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

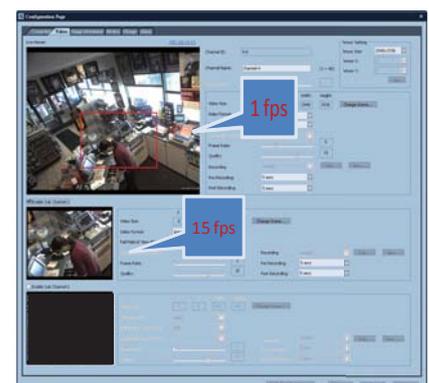


Save Bandwidth and Storage by Flexible Sub-channel Support

■ Sub-channel

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



Features That Make a Difference

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.

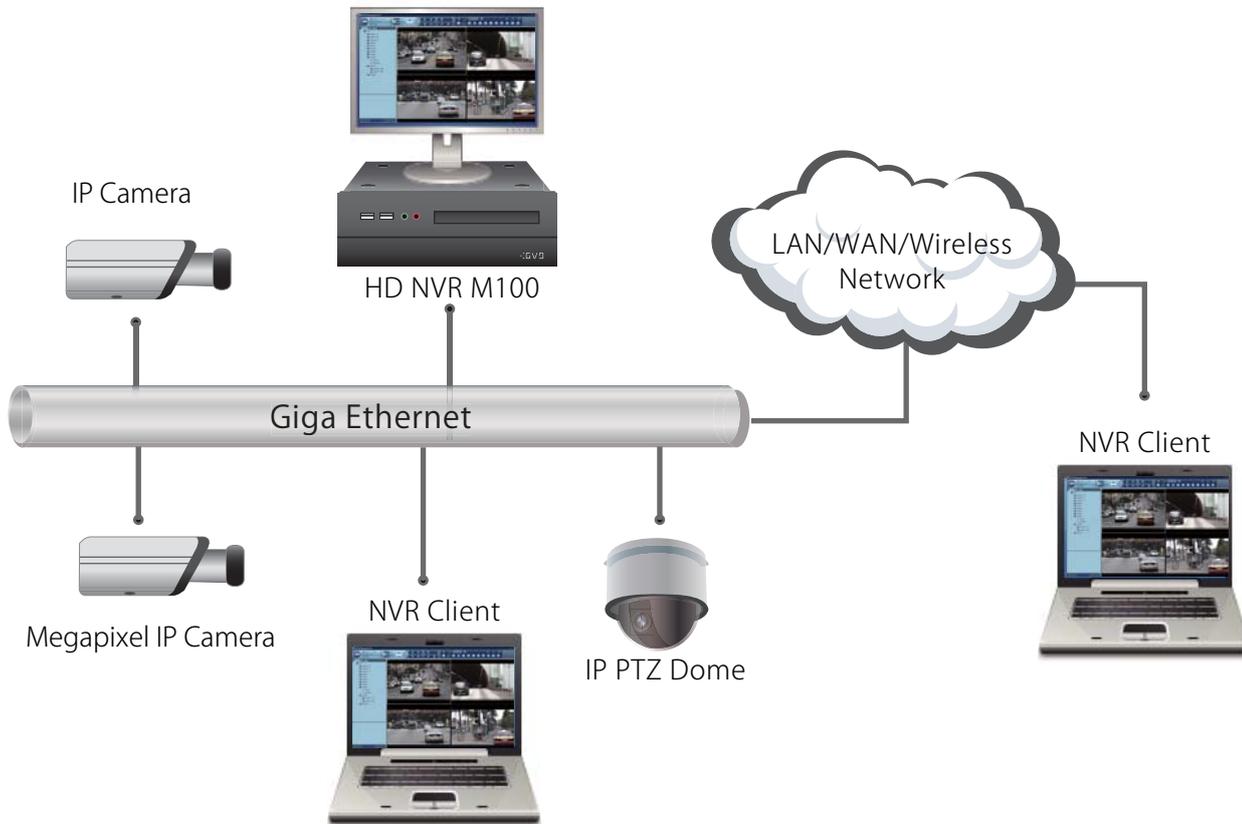


Storage Capability

Model	Channel	Compression	Resolution	Frames Per Second			
				7	10	15	30
M100	6	MPEG4	D1	20 (days)	14	10	7
	6	H.264	1.3M	20	14	10	

Hardware Specification

Model No	 M100
Processor	Intel Atom 330
Memory	DDR2-800 2G
Operation System	Windows XP Embedded OS
HDD Tray	3.5" x 2
Video Outputs	VGA x 1
USB Port	Front x 2, Rear x 4
LAN Port	Gigabit x 1
RS232 Serial Port	DB9
Dimensions(DxWxH)	273 x 300 x 65mm
Power Consumption	58W



Camera Support List

