

Mirasys V series recorders

*Mirasys V series is a **complete set of hybrid recorders** that support both legacy analog cameras as well as all leading IP cameras. This allows an **easy migration** from older, analog systems to the digital age. A system consisting of analog cameras can be augmented with high-resolution IP cameras in places where it is important to identify people and items in clear detail.*

Why Mirasys V series?

- Genuine hybrid solution
- Scalable up to 5000 video channels
- Resolution independent
- Supports H.264 compression
- Open and easy integration with other systems
- Easy to use
- Effective search tools
- Rich set of features
- Excellent upgrade & maintenance services
- Adapts to changing needs & new technologies



V1000

An entry-level digital video recorder that, due to its powerful performance, yet slim, space-saving size and affordable price, is especially suited for small businesses and retail outlet chains.

V3000

A cost-efficient, medium/high-speed recorder for virtually any segment. Thousands of proven installations in banks, retail, logistics, gas stations, law enforcement, defense, schools and educational facilities, health care, museums, ships, city surveillance, hotels, customs, manufacturing.

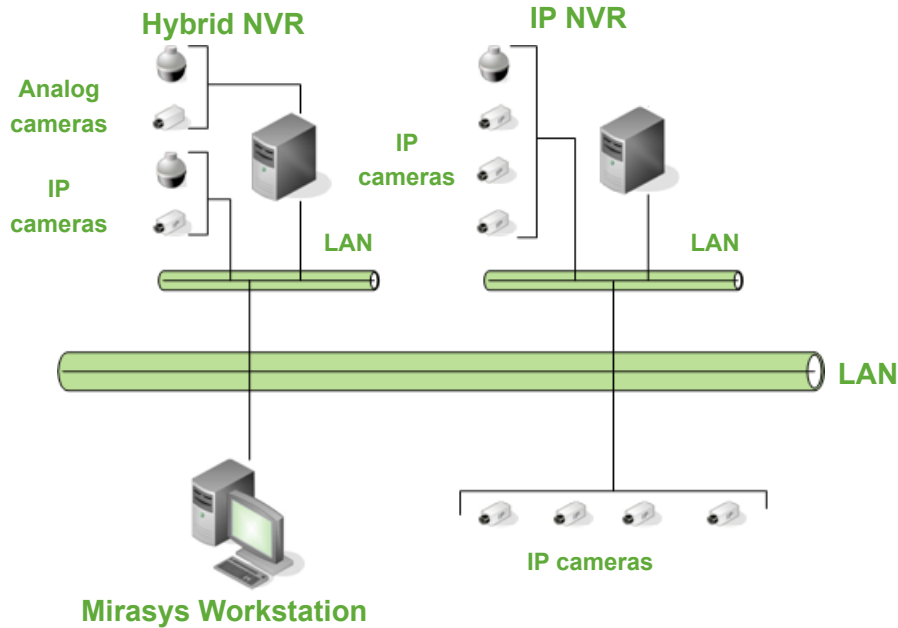
V5000

A powerful high-speed hybrid recorder for applications where full-speed recording of high-resolution images is required, such as gas stations, banks, defense, energy and water supply facilities, hotels, manufacturing.

Rack upgrade

V3000 and V5000 models are also available as fully fault tolerant rack-mounted models with redundant components and up to 8 TB hard disk space. The rack-mounted recorders are ideal for applications such as casinos, law enforcement, military, defense and logistics.

Sample system



Property	V1000	V3000	V5000
Video Recording			
Analog video inputs	4/10/16	4/10/16/32	8/16
IP video inputs	1-5	1-46 ¹	1-42 ¹
Video standards	PAL/NTSC	PAL/NTSC	PAL/NTSC
Frame Rate (ips)			
System (CIF/2CIF/4CIF or D1)	100/100/50 ²	200/100/64 ²	400/400/400 ²
One camera (max)	25	25	25
Image Resolution			
Analog cameras (max)	4CIF	4CIF	D1
Network cameras (max)	Unlimited	Unlimited	Unlimited
Audio Recording			
Audio inputs (standard/max)	2/2	2/16	2/16
Compression Method			
Analog cameras	WM9/JPEG	WM9/JPEG	H.264 ³ /JPEG/WM9
IP cameras	JPEG/MPEG-4/H.264	JPEG/MPEG-4/H.264	JPEG/MPEG-4/H.264
Text Data Recording			
Text data channels	32	32	32
Storage Capacity			
HDD size (standard/max)	500 GB / 500 GB	1 TB / 8 TB	1 TB / 8 TB
Software Functions			
Secure RAID 0 recording ⁴	No	Yes	Yes
User profiles	Yes	Yes	Yes
Device Support			
Dome cameras	Yes	Yes	Yes
Alarm contacts ⁵	4 or 16 in/4 out	16 in/16 out ⁶	16 in/16 out
Joystick/keyboards	Yes	Yes	Yes
Video outputs	1	1-8	4
Live video mux (standard)	No	Yes/No	Yes/No
Quad output (option)	No	4x4	4x4
Loop-through	No	Yes/No	Yes
Integration API	Yes	Yes	Yes
Intelligent video analysis	Yes	Yes	Yes
Platform			
PC platform	Desktop	Minitower/19" rack	Minitower/19" rack
NVR software	NVR Enterprise	NVR Enterprise	NVR Enterprise

¹ IP camera channels can be added as an option. Total max. number of analog and IP channels is 50.

² Applies to 16-channel NVRs. The maximum frame rate for a 32-channel V3000 NVR is 200 ips. The maximum frame rate for a 32-channel V5000 is 480 ips (theoretical max. 800 ips).

³ H.264 compression available for 8 and 16 channel NVRs.

⁴ Modified RAID 0.

⁵ Mirasys alarm contacts are more versatile than standard alarm contact lines.

⁶ V3004 alarm contacts 4/4.