

# 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?

- Future-proof hybrid solution – seamless migration to IP network based video surveillance
- Uses the full-featured and robust Mirasys NVR Enterprise software
- Excellent upgrade & maintenance options
- Scales to up to 5,000 IP cameras with any combination of IP and analog cameras
- Supports all major camera manufacturers
- Extensive upgrade options for fine-tuning functionality, performance and storage requirements



### 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

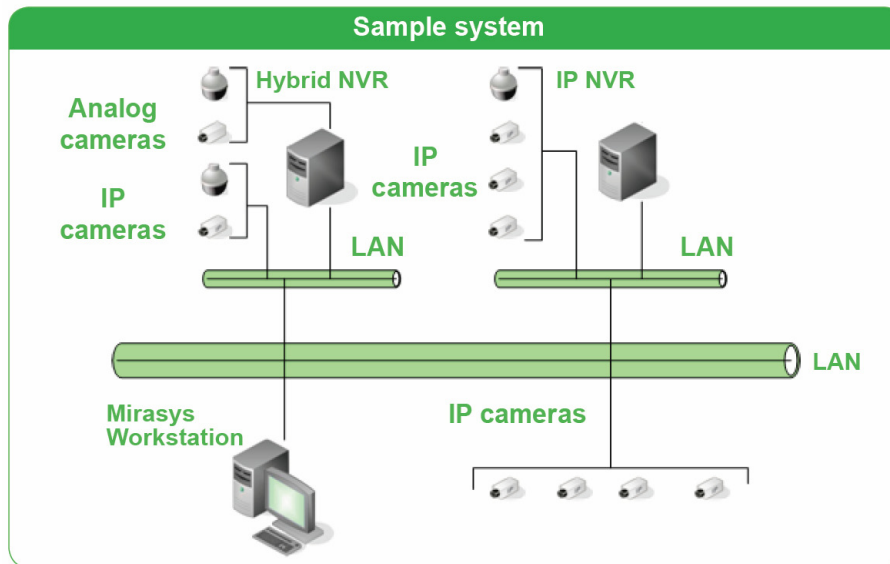
A cost-efficient recorder for virtually any segment. Thousands of proven installations in all kinds of environments ranging from banks to gas stations and from police to border guard.

### 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, or energy / water supply facilities.

### Rack upgrade

V3000 and V5000 models are also available as fault tolerant rack-mounted models with redundant components and up to 8 TB hard disk space.



Property	V1000	V3000	V5000
<b>Video recording</b>			
Analog video	4 / 10 / 16	4 / 10 / 16 / 32 <sup>1</sup>	8 / 16 / 32 <sup>1</sup>
IP video	1-5	1-46	1-42
Video standards	PAL / NTSC	PAL / NTSC	PAL / NTSC
<b>Frame rate (ips)</b>			
System (CIF / 2CIF / 4CIF & D1)	100 / 100 / 64	200 / 200 / 100	400 / 400 / 400 <sup>2</sup>
One camera (max @ 1CIF)	25	25	25 (@ D1)
<b>Image resolution</b>			
Analog cameras (max)	4CIF	4CIF	D1
IP cameras (max)	Unlimited	Unlimited	Unlimited
<b>Audio recording</b>			
Audio inputs	2 / 2	2 / 8 / 16	2 / 16
<b>Compression methods</b>			
Analog cameras	WM9 / JPEG	WM9 / JPEG	WM9 / JPEG / H.264
IP cameras	JPEG / MPEG-4 / H.264	JPEG / MPEG-4 / H.264	JPEG / MPEG-4 / H.264
<b>Text data recording</b>			
ASCII text channels	32	32	32
<b>Recording capacity</b>			
HDD size (standard)	1 TB	1 TB	1 TB
HDD size (maximum)	1 TB	4 / 16 TB	4 / 16 TB
<b>Software functionality</b>			
Secure Raid 0 recording <sup>3</sup>	No	Yes	Yes
User profiles	Yes	Yes	Yes
<b>Device support</b>			
Alarm contacts <sup>4</sup>	4-16 / 4	16 / 16 <sup>5</sup>	16 / 16
Dome cameras	Yes	Yes	Yes
Integration API	Yes	Yes	Yes
Intelligent video analysis (optional)	Yes	Yes	Yes
Joystick / keyboard support	Yes	Yes	Yes
Live video MUX (standard)	No	Yes / No	Yes / No
Loop-through	No	Yes / No	Yes
Quad output (optional)	No	4x4	4x4
Video outputs	1	1-8	4
<b>Device platform</b>			
PC platform	Desktop	Mini-tower / 19" rack	Mini-tower / 19" rack
NVR software	NVR Enterprise	NVR Enterprise	NVR Enterprise

<sup>1</sup> IP camera channels can be added as an option. Total max. number of analog and IP channels is 50  
<sup>2</sup> Applies to 16-channel NVRs. The maximum frame rate for a 32-channel V5000 in 1CIF is 800 ips and 4CIF / D1 is 200 ips  
<sup>3</sup> Modified RAID 0  
<sup>4</sup> Mirasys alarm contacts are more versatile than standard alarm contact lines  
<sup>5</sup> V3004 alarm contacts 4/4

