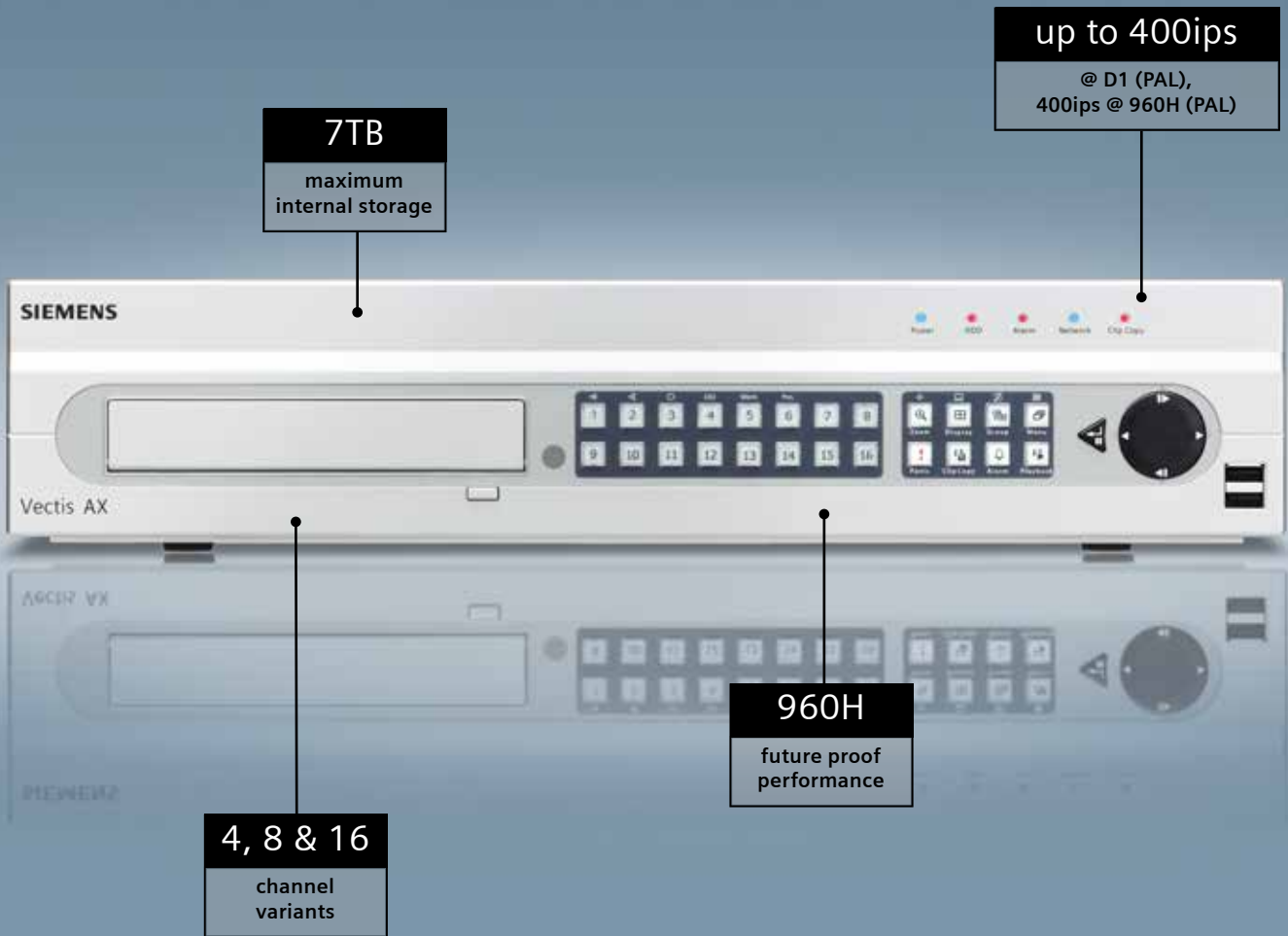


SIEMENS



Vectis AX

More storage, better images, easier access.

Vectis AX – Overview and key features

Gathering all the advantages of digital video surveillance in a single compact unit, Vectis AX can record up to 16 cameras virtually anywhere, for instance in small shops, supermarkets, museums, etc. Quick and easy to install, Vectis AX is also particularly simple to operate. In addition, it provides flexible control, efficient H.264 compression and powerful search functions - that's more storage, better images, easier access.

High-quality images

Vectis AX utilises H.264 video compression technology delivers higher-quality images, smaller file sizes and more efficient streaming over limited bandwidth connections.

Easy operation

The graphical user interface is easy to use with a simple menu structure allowing almost instant operation out of the box.

Direct unit control and PTZ capability

The Vectis AX has an easy-to-use front panel for direct unit control. Most Vectis AX models can control both dome and PTZ cameras via the unit front panel buttons.

Remote access via RAS, Internet or Smartphone

All Vectis AX models include licence-free remote administration software (RAS), to retrieve and view images from remote workstations. (Two-way audio functionality is also available via RAS.) Vectis AX models can be remotely accessed via a standard Web browser. Siemens i-RAS App supports iOS and Android Smartphones / iPad / Tablet PC. (Windows based phones are not supported).

The Vectis HX keyboard

The Vectis HX keyboard is an integrated network keyboard designed to work with Vectis HX products and with the Vectis AX range, when connected to one network

Vectis AX Watch

Live viewing by drag&drop of the camera to the desired screen location. Status display of Vectis AX remote devices and site plan functionality allow full control of the system.

installation. "Click and Play" ergonomic design allows the joystick to be connected to either side of the keyboard, for easy use by left and right handed users.

True archiving flexibility

Vectis AX can store video images on its internal hard drive and archive data to the built-in DVD drive and external devices, like USB memory sticks and external hard drives. The standard Vectis AX provides 1TB of HDD capacity, while 4, 8 and 16 channel devices can be expanded up to 7TB on board. High HDD capacity combined with the H.264 compression means significantly longer storage times.

Real-time recording

All Vectis AX models provide real-time recording for connected cameras. The AX4 model has a maximum global recording speed of 100ips, the AX8 model 200ips, and the new AX16 model 400ips. Vectis AX also offers a high level of flexibility in configuring recording rates, particularly when recording at very high (4CIF) and high (2CIF) resolutions. In particular, this can allow real-time recording on selected cameras at these resolutions.

Full HD support on the main monitor

The Vectis AX DVR devices support a main monitor up to Full HD resolution via an HDMI or instead via a VGA interface. In addition one Spot monitor is supported.

Vectis AX Search

Enables search and replay of recorded images via RAS using time periods and particular events.

New features and highlights

- Real-time D1 recording resolution
- Support of 960H capable analogue cameras
- Support of Full HD main monitor
- Up to 7 TB internal HDD storage capacity
- eSATA interface to support Vectis HX external Storage Tank with max. 12 TB HDD capacity in addition
- Support of Vectis HX IP based Keyboard

H.264



960H
RESOLUTION
960 X 480



Vectis AX – simple and flexible

Record for more than a month in a single unit

H.264 technology enables even the smallest Vectis AX4 unit with four cameras to record images continuously for more than a month. The recorded data is protected against tampering with a digital signature to verify image authenticity.

Recording modes

Vectis AX can provide an optimised recording mode for any situation. Both recording speed and image quality can be increased in response to an external alarm input or built-in activity detection, therefore recording more information. During standard time-lapse recording both image quality and recording speed can be decreased to reduce the storage space required, therefore optimising achievable recording times. Furthermore, if a video signal loss alarm occurs on a camera, the Vectis AX can start recording an additional camera in the




same room. This allows the cause of the video loss to be determined quickly and easily. Pre-event recording can be configured to allow better determination of what led to an event, by recording images of the event itself as well as immediately beforehand.

Flexible searching

The powerful search functions of the Vectis AX help you find the images you need quickly. Searching is possible using time and date, by particular events and by individual camera. With the museum search function it is possible to search for footage in which particular objects (such as vases or paintings) have been moved from their place. Simply placing a box around the relevant area allows quick and easy searching. Video loss events and text entries from cash registers can also be used as search criteria, therefore providing powerful search flexibility.

Additional features

- Connects with transaction devices such as ATM or POS
- Record up to 4 audio channels
- Configurable administration rights
- Dual encoding for bandwidth flexibility
- Covert camera mode determines user access level
- Panic button triggers higher quality recordings
- S.M.A.R.T. self diagnosis fail-safe alerts operatives to take corrective measures

	Vectis AX4	Vectis AX8	Vectis AX16
			
Model number	AX4	AX8	AX16
Article number	S54569-C108-A100	S54569-C109-A100	S54569-C110-A100
Signal Format	PAL or NTSC (auto detection, no mixture of signal format by separate cameras is allowed)	PAL or NTSC (auto detection, no mixture of signal format by separate cameras is allowed)	PAL or NTSC (auto detection, no mixture of signal format by separate cameras is allowed)
Video inputs (with looping)	4	8	16
Monitor outputs	1 HDMI / VGA + 1 SPOT	1 HDMI / VGA + 1 SPOT	1 HDMI / VGA + 1 SPOT
Audio inputs / outputs	4 / 1	4 / 1	4 / 1
Resolution in view mode	1920 x 1080 or less	1920 x 1080 or less	1920 x 1080 or less
Hard disk size (standard)	1 x 1 TB	1 x 1 TB	1 x 1 TB
Number of maximum internal hard disk drives	3	3	3
Maximum hard disk size	7 TB	7 TB	7 TB
Integrated DVD burner	Yes	Yes	Yes
External storage interface	eSATA and USB	eSATA and USB	eSATA and USB
Supported external storage device	Vectis external Storage Tank, max. 12 TB	Vectis external Storage Tank, max. 12 TB	Vectis external Storage Tank, max. 12 TB
File format	H.264	H.264	H.264
Resolution	CIF / 2CIF / 4CIF / D1	CIF / 2CIF / 4CIF / D1	CIF / 2CIF / 4CIF / D1
Highest resolution feature	960H support	960H support	960H support
Maximum recording speed	100ips	200ips	400ips
Alarm inputs / outputs	4 / 2	8 / 2	16 / 2
PTZ / dome control	Yes	Yes	Yes
Password protection	64 groups / 256 users per group	64 groups / 256 users per group	64 groups / 256 users per group
Power supply	100-240VAC (max. 75W)	100-240VAC (max. 75W)	100-240VAC (max. 75W)
Dimensions	430 x 88 x 405 mm	430 x 88 x 405 mm	430 x 88 x 405 mm
Integrated with SiPass Entro / SiPass integrated	No / No	No / No	No / No
Operating system	Linux Embedded	Linux Embedded	Linux Embedded

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The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.

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Answers for infrastructure.

Our world is undergoing changes that force us to think in new ways: demographic change, urbanisation, global warming, and resource shortages. Maximum efficiency has top priority – and not only where energy is concerned. In addition, we need to increase comfort for the well-being of users.

Also, our need for safety and security is constantly growing. For our customers, success is defined by how well they manage these challenges. Siemens has the answers.

“We are the preferred partner for energy-efficient, safe, and secure buildings and infrastructure.”