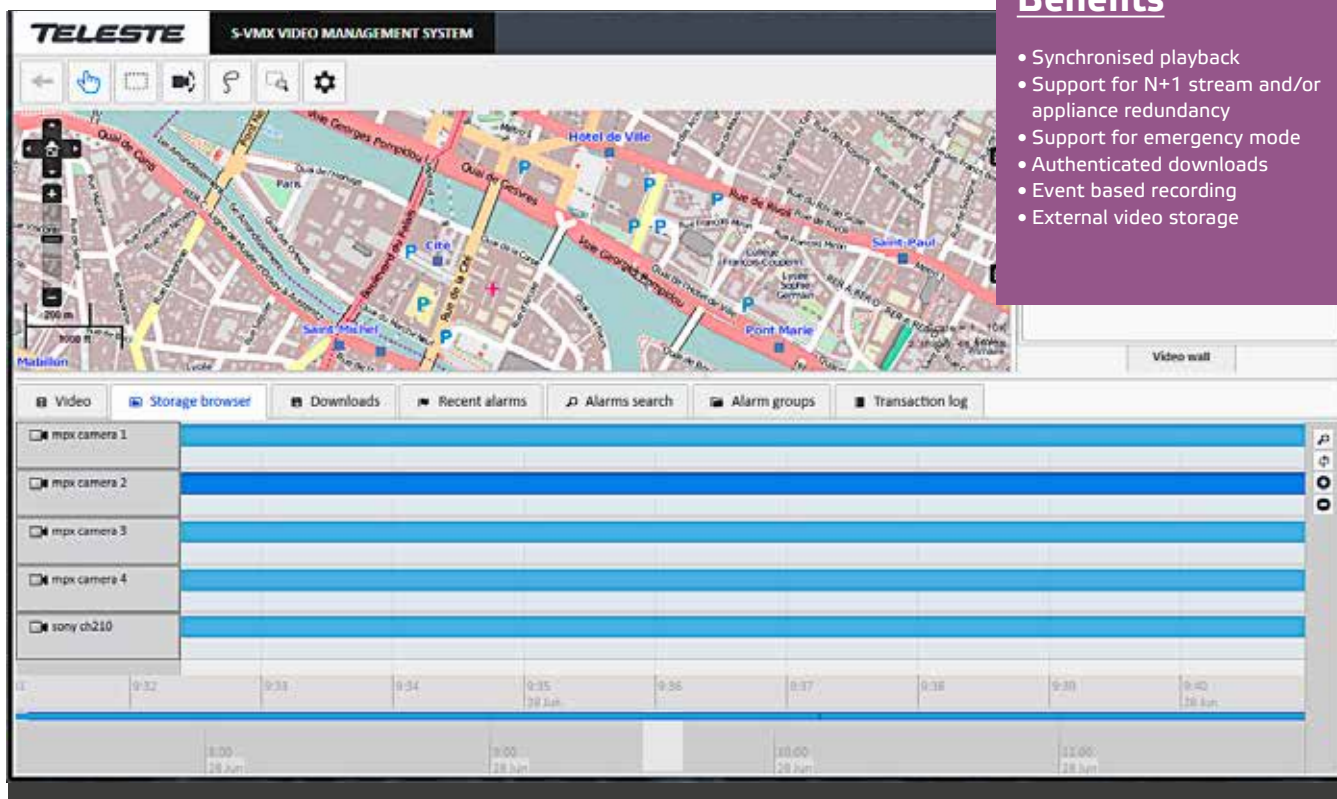


**Benefits**

- Synchronised playback
- Support for N+1 stream and/or appliance redundancy
- Support for emergency mode
- Authenticated downloads
- Event based recording
- External video storage



The High Availability stand-alone NVR is provided with enterprise level server delivering the right combination of performance, redundancy and value in 1U.

S-VMX NVR is the network video recorder component of the Teleste S-VMX system designed to operate in a multi-host environment . It supports multiple simultaneous user connections to, and multiple concurrent views of recorded material.

The appliance records video and associated data in an uninterruptible loop mode, ensuring that all critical events are recorded, and available when you need it.

The NVR supports multiple user levels, granting access to stored material according to user rights and priorities defined in the system configuration.

It allows operators to save the contents of a recording loop, or select any part of a recording, after an incident has occurred. It is meeting the stringent

requirements of encryption and security, when extracting video material. This is of paramount importance when submitting recorded video coverage as an evidence in a court of law.

Similar to other S-VMX appliances, the NVR can be managed and diagnosed remotely, which greatly reduces maintenance and configuration time, and hence has positive impact on OPEX.

The stand-alone version of the high availability NVR is your choice when applying video storage on a separate subsystem is the key driver. It is especially well suited for feeding multiple storage subsystems with real time video.

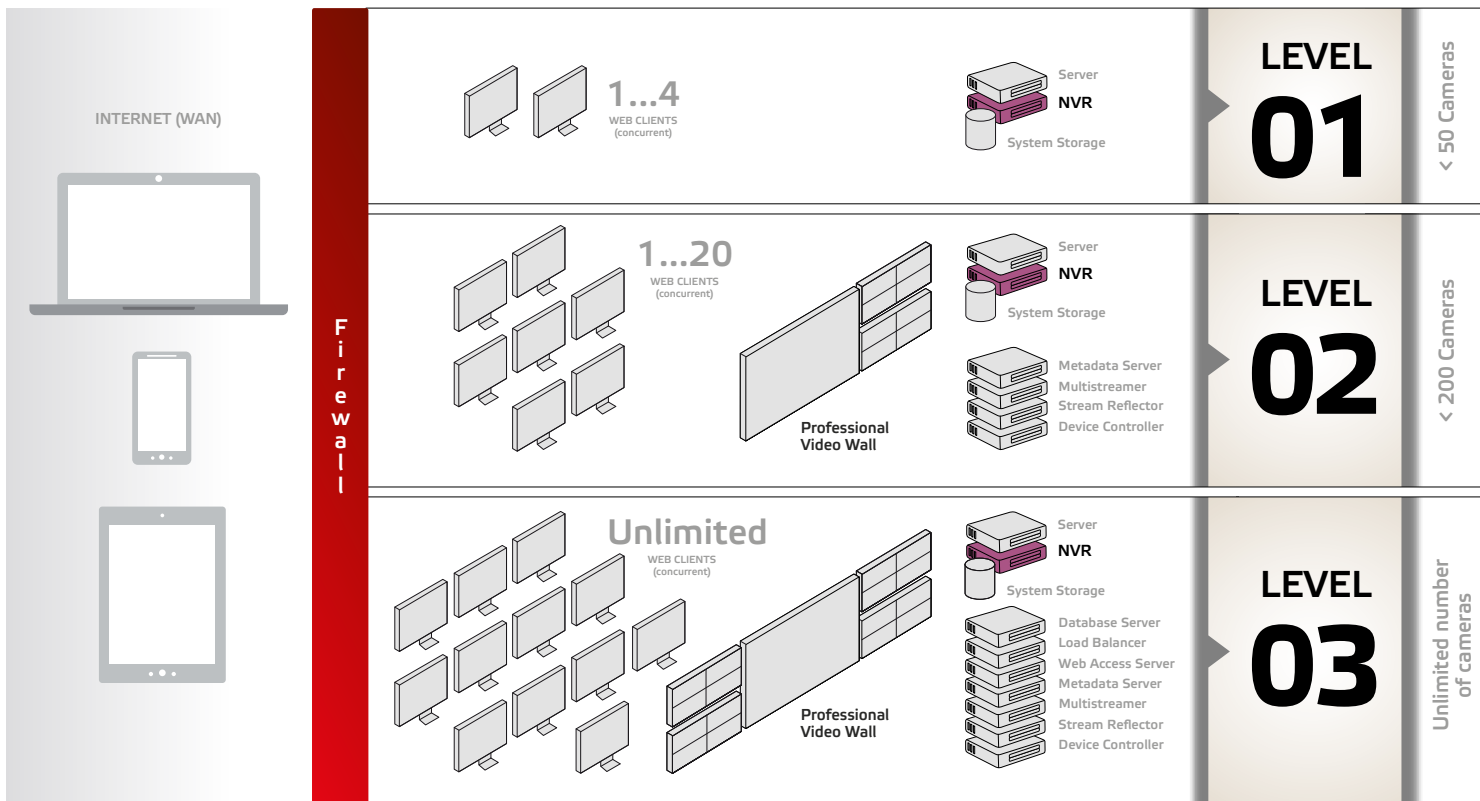
The stand-alone model of the High Availability NVR appliance is based on an enterprise class 1U rack server.

Maximum uptime and high availability of recorded video is warranted at all times. Uninterrupted operation of the software is secured by dedicated hot plug hard drives with RAID1 disk management. Hardware resilience is further strengthened by dual-port 1GbE network interface, fault tolerant fans and hot-plug redundant power supply.

The RAID disk management of the video storage located on a disk subsystem is managed reliably by high performing host controller. Additional fault-tolerance can be achieved by including an optional second host controller.

All S-VMX appliances are delivered with three year hardware warranty ensuring additional protection on your investment and a piece of mind.

# S-VMX System



## Technical specifications (Typical values unless otherwise stated)

Video		
Encoding formats	H.264, MPEG-4, MPEG-2, MJPEG	
Streaming	Multicast, unicast	
Software		
Operating system	Microsoft Windows Server 2008 Embedded	
Application	S-VMX NVR	
Hardware (*80GB partition for OS and application)		
Chassis	1U rack server, deep	VHD300 series
Processor	E5-2400 family	
Memory	12 GB RAM	
Graphic adapter	VGA	
HDD*	1 x 3.5"	Hot swap
RAID support	RAID1	
Network	2 x 10/100/1000Base-T	
Optical drive	16 x DVD ±R/W	
Power supply	2 x 350W redundant	Hot plug
Heat dissipation	1356 BTU/hr	Based on PSU max wattage
Tested performance on Teleste appliance		
Playback streams	10	
2 Mbps streams	80	RAID5
4 Mbps streams	70	RAID5
8 Mbps streams	50	RAID5

General (*10% of annual operating hours, **1% of annual operating hours)		
Operating temperature range	+10...+35°C (50...95°F) +5...+40°C (41...104°F)* -5...+45°C (23...113°F)**	
Storage temperature	-40...+65°C (-40...149°F)	
Relative humidity	10...80% 5...85%* 5...90%**	Non-condensing Non-condensing Non-condensing
Weight	19.3kg (42.55lbs)	Max.
Dimensions:		

## Ordering codes (Suite 2.2)

<b>SNR301 - 2.2</b>	S-VMX 2.2 High Availability NVR for ext. storage	1TB RAID1
<b>VHD081</b>	Host RAID controller for external storage	

## Hardware services ordering codes

<b>VSD031</b>	VHD300 series HW, on-site diagnosis service for 3 years
<b>VSD041</b>	VHD300 series HW, on-site diagnosis service for 4 years
<b>VSD051</b>	VHD300 series HW, on-site diagnosis service for 5 years
<b>VSD032</b>	VHD300 series HW, data protection service for 3 years
<b>VSD042</b>	VHD300 series HW, data protection service for 4 years
<b>VSD052</b>	VHD300 series HW, data protection service for 5 years
<b>VSD340</b>	VHD300 series HW warranty extension from 3 years to 4 years
<b>VSD350</b>	VHD300 series HW warranty extension from 3 years to 5 years
<b>VSD360</b>	VHD300 series HW warranty extension from 3 years to 6 years

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