



S-VMX VIDEO MANAGEMENT SYSTEM **AVAILABLE PRODUCTS**

IP video management system products,
valid from 1st January 2023

TELESTE

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TELESTE S-VMX INTRODUCTION

Teleste S-VMX video management, storage and transmission system.

Teleste S-VMX video management system provides a scalable GDPR compliant end-to-end solution covering all major features needed in a modern management system for networked video. The application areas range from low camera count systems up to nationwide system comprising of thousands of video streams and under a uniform management system.

The S-VMX video management system is based on distributed server architecture supporting and hosting web services in different type of network topologies.

The S-VMX products consist of software and associated hardware for control, processing, viewing, distribution and recording of video and related data required in CCTV applications.

The S-VMX is supporting operation with standard based video (MPEG-2, MPEG-4, MJPEG, H.264 and H.265), audio and data.

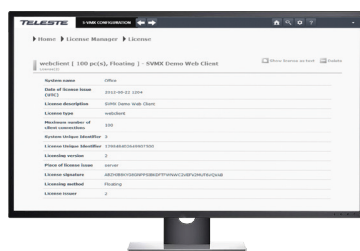
The Teleste S-VMX products are delivered with standard server hardware. Each component has been selected and optimized specifically keeping in mind the technical requirement set down by the nature of real time video. All product configurations have been thoroughly assessed and evaluated for its specific application.

The final touch is provided with the simple and easy to understand licensing scheme that allows for a pay as you grow approach.

This pricelist is valid for video management products delivered together with hardware.

For any other licensing possibilities, please contact Teleste.





S-VMX System license is controlling the system resources available and accessible to the user of the video management system.

S-VMX SOFTWARE VERSIONS, SYSTEM LICENCES AND UPGRADE

Building up an S-VMX system is made simple. All you need to do is to define the global number of cameras and concurrent users connected to the system. Adding federated systems is made equally simple. The rest is child's play.

S-VMX systems support full features regardless of the number of cameras. Once the suitable functionality is defined, all that is needed is to pick-up relevant products with desired functionality.

Operator can flexibly expand the S-VMX system by upgrading the applicable camera license.

Teleste Smart software support and maintenance service is providing a piece of mind for those who are willing to keep their system always up to date with the latest features and functions.

Note! Teleste supports the three most recent software production releases* OR the two most recent software production releases + 12 months, whichever occurs first.

* Software release takes place when a major (A) or minor (B) digit changes in version A.B.

S-VMX SOFTWARE VERSION

S-VMX system information indicates the S-VMX software suite. This item needs to be included in every order whether a new system or a system extension, and whether consisting of appliances or software licenses or both.

SSV344	S-VMX System	Software Suite Version 4.4
SSV345	S-VMX System	Software Suite Version 4.5
SSV346	S-VMX System	Software Suite Version 4.6
SSVxab	S-VMX System, level x	Software Suite Version a.b

S-VMX SYSTEM LICENSE

S-VMX System License defines the system level parameters for S-VMX video management systems. For a new system it is included in the System Server. For system extensions the system level parameters change and the system license needs to be re-issued.

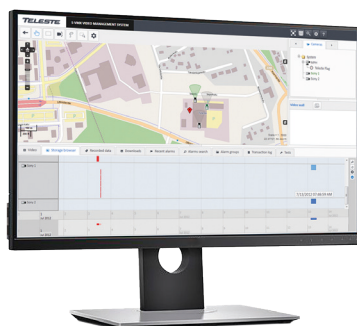
SSL100	S-VMX System License	Connection and Integration Licenses not included
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S-VMX CONNECTION LICENSES

Connection licenses define system wide camera count in a selected system level and the number of concurrent users and other type of connections.

SCL301	Camera license for S-VMX – Full featured
SCL401	Camera Connection License for S-VMX United per Federated Device
SGL401 S	Gateway Connection License for S-VMX United per Concurrent Federated S-VMX Camera Connection
SGL401	Gateway Connection License for S-VMX United per Concurrent Federated 3rd Party Camera Connection
SCL501	Capture Connection License for Command & Capture
SCL801	1 channel decoder connection licence for S-VMX Video Wall For additional decoding channels
SCL901	Universal Client connection license for S-VMX Per concurrent connection

S-VMX SYSTEM SERVER



S-VMX Server is an integral element providing central control of the Teleste S-VMX system

S-VMX SERVER – THE CORE OF VIDEO MANAGEMENT SYSTEM

S-VMX Server is the core of Teleste Video Management System. It is hosting multiple mandatory functionalities needed in modern video management system. These include system database, web access server, stream reflector, map server, device and telemetry controller. In more advanced systems these hosted services are available in stand-alone units.

The S-VMX Server is responsible for user rights management including arbitration of priorities. It is managing log services, communication and handling system alarms.

The configuration of system and component parameters is handled through configuration wizard application and stored into System Server's database.

The S-VMX Server is available in several pre-configured setups depending on the overall system parameters. The server can also take the role of back-up server within a system supporting redundancy.

The S-VMX Server is delivered in a space saving 1U high rack server.



VHD300 – 1U high standard 4-bay rack-mount server



VHD300 – 1U high enterprise-class 8-bay rack-mount server

S-VMX SERVER – Standard & Enterprise

S-VMX System Server appliance. 3-year hardware warranty and data protection service with on-site HW support. System, connection and integration licenses not included.

SXS205	S-VMX STANDARD SYSTEM SERVER System and data media 1TB HDD. Windows Server IoT 2022 Standard operating system. 1U high 4-bay rack mount chassis.	1U x 19" VHD300 STD HW
SXS305-2D048	S-VMX ENTERPRISE SYSTEM SERVER System media 240GB SSD RAID1. Data media 2 x 480GB SSD. Windows Server IoT 2022 Standard operating system. 1U high 8-bay rack mount chassis with redundant power supply. iDRAC Enterprise remote management.	1U x 19" VHD300 ENT HW
SXS3035-2D096	S-VMX ENTERPRISE SYSTEM SERVER System media 240GB SSD RAID1. Data media 2 x 960GB SSD. System memory 32GB RAM. Windows Server IoT 2022 Standard operating system. 1U high 8-bay rack mount chassis with redundant power supply. iDRAC Enterprise remote management.	1U x 19" VHD300 ENT HW
VHD048 D	480GB SSD 6Gbps 2.5" SATA Hot-plug Drive for VHD300 Series 8-bay Server.	
VHD096 D	960GB SSD 6Gbps 2.5" SATA Hot-plug Drive for VHD300 Series 8-bay Server.	

S-VMX NETWORK VIDEO RECORDER (NVR)

S-VMX NVR – NETWORK VIDEO RECORDER



S-VMX NVR has the key role in storage and retrieval of evidential video material

The **S-VMX NVR** is available in different hardware formats depending on the requirements for cabinet space, video storage capacity as well as backup functionality. The standard NVR is delivered with an entry level 1U server hardware for low budget video storage. The professional NVR comes with higher storage capacity having RAID support and redundant power supply.

High-Availability NVR and High Performance NVR introduce higher channel capacity, bigger storage and better fault tolerance.

When the built-in storage is not sufficient, the NVR units can be equipped with an optional host RAID controller for external storage array. Alternatively the video storage can be based solely on external storage arrays when using stand-alone NVR in dedicated 1U hardware.

S-VMX NVR – Standard & High Availability

S-VMX NVR appliance. 3-year hardware warranty and data protection service with on-site HW support.



VHD300 – 1U high standard 4-bay rack-mount server

S-VMX STANDARD NVR

Windows Server IoT 2022 Storage Workgroup operating system. 1U high rack mount chassis.

SNR245-01	3.52TB (1 x 4TB)	1U x 19" VHD300 4-bay STD HW
SNR245-02	7.12TB (2 x 4TB)	
SNR245-03	10.72TB (3 x 4TB)	
SNR285-02	14.32TB (2 x 8TB)	
SNR285-03	21.52TB (3 x 8TB)	
SNR285-04	28.72TB (4 x 8TB)	



VHD300 – 1U high enterprise-class 4-bay rack-mount server

S-VMX HIGH AVAILABILITY NVR

Windows Server IoT 2022 Storage Workgroup operating system on 240GB SSD RAID1. RAID5 for data media. 1U high rack mount chassis with redundant power supply. iDRAC Enterprise remote management.

SNR3045-04	10.8TB RAID5 (4 x 4TB)	1U x 19" VHD300 4-bay HA HW
SNR3085-04	21.6TB RAID5 (4 x 8TB)	
SNR3125-04	32.4TB RAID5 (4 x 12TB)	
SNR3165-04	43.2TB RAID5 (4 x 16TB)	
SNR3205-04	54.0TB RAID5 (4x 20TB)	



VHD700 – 18-bay 2U high
High Availability rack-mount server

S-VMX NVR – High Availability, High Performance & Enterprise

S-VMX NVR appliance. 3-year hardware warranty and data protection service with on-site HW support.

S-VMX HIGH AVAILABILITY NVR

Windows Server IoT 2022 Standard operating system. Operating system on hot-plug SSD RAID1 disks. RAID6 for data media. 2U high rack mount chassis with redundant power supply. iDRAC Enterprise remote management.

SNR7044-12	36.0TB RAID6 (12 x 4TB)	2U x 19" VHD700 18-bay HA HW
SNR7044-16	50.4TB RAID6 (16 x 4TB)	
SNR7084-12	72.0TB RAID6 (12 x 8TB)	
SNR7084-16	100.8TB RAID6 (16 x 8TB)	
SNR7124-16	151.2TB RAID6 (16 x 12TB)	
SNR7124-18	172.8TB RAID6 (18 x 12TB)	
SNR7164-16	201.6TB RAID6 (16 x 16TB)	
SNR7164-18	230.4TB RAID6 (18 x 16TB)	
SNR7204-16	252.0TB RAID6 (16x 20TB)	
SNR7204-18	288.0TB RAID6 (18x 20TB)	

S-VMX HIGH PERFORMANCE NVR - 200 CHANNELS

Windows Server IoT 2022 Standard operating system. Operating system on hot-plug SSD RAID1 disks. RAID6 for data media. 2U high rack mount chassis with redundant power supply. iDRAC Enterprise remote management.

SNR7044-14-2R6	2 x 18.0TB RAID6 (14 x 4TB)	2U x 19" VHD700 18-bay HA HW
SNR7044-18-2R6	2 x 25.2TB RAID6 (18 x 4TB)	
SNR7084-14-2R6	2 x 36.0TB RAID6 (14 x 8TB)	
SNR7084-18-2R6	2 x 50.4TB RAID6 (18 x 8TB)	
SNR7124-18-2R6	2 x 75.6TB RAID6 (18 x 12TB)	
SNR7164-18-2R6	2 x 100.8TB RAID6 (18 x 16TB)	
SNR7204-18-2R6	2x 126.0TB R6 (18x 20TB)	



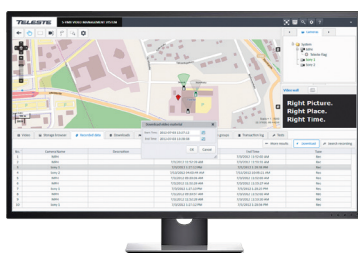
VHD300 – 1U high enterprise-class
4-bay rack-mount server

S-VMX ENTERPRISE NVR FOR EXTERNAL STORAGE

Windows Server IoT 2022 Standard operating system. Operating system on hot-plug SSD RAID1 disks. 1U high rack mount chassis with redundant power supply. iDRAC Enterprise remote management.

SNR305-D3	12Gbps RAID Host Bus Controller	1U x 19" VHD300 4-bay HA HW
SNR305-IP	10GbE Dual Port iSCSI Adapter	
SNR305-SC	12Gbps SCSI Host Bus Adapter	

S-VMX SYSTEM STORAGE



S-VMX System Storage can scale up to 576TB of unformatted HDD capacity in redundant mode.

S-VMX EXTERNAL STORAGE – 12GBPS

S-VMX System Storage is an external storage array that can be attached to S-VMX NVR when the storage system is required to be separate from the network video recorder or when the built-in storage is not sufficient.

System Storage uses enterprise level hard drives featuring specific design and manufacturing processes enabling

24x7x365 operation and 1.2 million hours MTBF within an enterprise environment.

The type of storage array depends on the chosen storage architecture and interface. The storage array is scalable to different storage capacities and RAID levels. Higher storage capacities are achieved by connecting multiple arrays together.



VAD100 – 12-bay 2U high storage expansion enclosure. 12Gbps SAS.

S-VMX EXTERNAL STORAGE – Directly attached storage

2U high 12-bay rack mount chassis with redundant power supply. 12Gbps SAS interface. Redundant enclosure management module (REMM). 3-year hardware warranty and data protection service with on-site HW support.

SES142-06	24TB (6 x 4TB)	2U x 19" VAD100 12-bay HA HW
SES142-09	36TB (9 x 4TB)	
SES142-12	48TB (12 x 4TB)	
SES182-06	48TB (6 x 8TB)	
SES182-09	72TB (9 x 8TB)	
SES182-12	96TB (12 x 8TB)	
SES1122-06	72TB (6 x 12TB)	
SES1122-09	108TB (9 x 12TB)	
SES1122-12	144TB (12 x 12TB)	

HOST CONTROLLER FOR DIRECTLY ATTACHED STORAGE

Required for S-VMX NVR with built-in storage.

VHD084	External Host Storage RAID Controller, 12Gbps SAS
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S-VMX TITANIUM CLIENT



S-VMX Titanium Client provides the operator an interface to control system devices, components and resources.

S-VMX TITANIUM CLIENT – FULL FUNCTIONALITY OPERATOR INTERFACE

S-VMX Titanium Client is the primary operator user interface to Teleste S-VMX video management system. It includes all the functionality necessary to support your everyday operation with the video security system.

The interactive graphical user interface allows the operator to control and manage cameras, decoding displays, recordings, alarms and events through

a dedicated application based on web services.

The control interface is available through either keyboard or mouse, or a USB connected traditional hardware CCTV controller.

S-VMX Titanium Client is available in four different form factors.

S-VMX TITANIUM CLIENT – Micro, Small Form Factor, Professional and High Availability

S-VMX Titanium Client appliance. Windows 10 IoT Enterprise 2021 operating system on SSD. S-VMX user connection license included. 3-year hardware warranty and data protection service with on-site HW support.

S-VMX TITANIUM CLIENT MICRO

Miniature form factor (Micro) workstation.

STC923	Standard	3 x DisplayPort, USB	VHD900
STC933	Review	3 x DisplayPort, 1TB NVMe local storage, USB	Micro WS



VHD900 Micro and VHD900 Small Form Factor workstation.

S-VMX TITANIUM CLIENT SFF

Small Form Factor (SFF) workstation.

STC903	Standard	3 x mini DisplayPort, DVD	VHD900
STC913	Review	3 x mini DisplayPort, 1TB local storage, DVD	SFF WS



VHD800 Mini tower workstation

S-VMX PROFESSIONAL TITANIUM CLIENT

Mini Tower (MT) workstation.

STC804	Standard	4 x Mini DisplayPort, DVD	VHD800
STC814	Review	4 x Mini DisplayPort, 1TB local storage, DVD	MT WS

S-VMX HIGH AVAILABILITY TITANIUM CLIENT

Rack mount (1RU) enterprise level short depth workstation with redundant power supply. Operating system on RAID1 SSD disks.

STC834	Standard	4 x mini DisplayPort, USB	VHD800
STC844	Review	4 x mini DisplayPort, 1TB (SED) local storage, USB	HA WS



VHD800 series 1RU workstation

UNIVERSAL CCTV KEYBOARD CONTROLLER

VKV910	Joystick, Keypad (38 Keys) & Jog Wheel - Desktop, USB
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VKV910 Universal CCTV Keyboard Controller

S-VMX WEB ACCESS



S-VMX Web Access Server is the gateway between the Video Management System and the Client.

S-VMX WEB ACCESS – HTTP-BASED CLIENT CONNECTION

S-VMX Web Access Server is an appliance enabling client access to Teleste S-VMX system. It provides operator with the user experience over an HTTP interface. It enables the control of system devices, components and resources with applicable user rights using a Titanium Client. The Web Access server is a built-in functionality of S-VMX System Server. A dedicated Web Access Server is needed when the number of concurrent user connections exceeds that available within the integrated System Server.

S-VMX Stream Reflector provides the video content to the Clients not capable of receiving multicast video

traffic. It transcodes the video streams into suitable format and resolution for connected Web Client, whether a laptop, PAD or smartphone. The Stream Reflector functionality is a built-in functionality of the S-VMX System Server. A dedicated Stream reflector is needed when the total number of video channels requested by the WAN clients exceeds that available from the integrated Stream Reflector. Sufficient scalability can be achieved by connecting multiple Stream Reflector units in parallel.

The stand-alone S-VMX Web Access Server and Stream Reflector are delivered in a space saving 1U high rack server.

S-VMX WEB ACCESS – Enterprise & Professional

S-VMX Web Access appliance. 1U high 8-bay rack mount chassis with redundant power supply. Operating system on Hot-plug SSD RAID1 disks. iDRAC Enterprise remote management. Supports maximum of 50 or 250 concurrent users. 3-year hardware warranty and data protection service with on-site HW support.



VHD300 – 1U high enterprise-class 8-bay rack-mount server

SWA305-2D048	S-VMX ENTERPRISE WEB ACCESS SERVER Data media 2 x 480GB SSD. Windows Server IoT 2022 Standard operating system.	Supports max. 50 concurrent users.	1U x 19" VHD300 ENT HW
SWA395-2D048-WL	S-VMX ENTERPRISE SERVER FOR PROFESSIONAL WEB ACCESS WITH LOAD BALANCER Data media 2 x 480GB SSD. Linux Ubuntu operating system.	Supports max. 250 concurrent users.	
SWA3935-2D096-W	S-VMX ENTERPRISE SERVER FOR PROFESSIONAL WEB ACCESS Data media 2 x 960GB SSD. System memory 32GB RAM. Linux Ubuntu operating system.		
SWA3935-2D096-L	S-VMX ENTERPRISE LOAD BALANCER FOR PROFESSIONAL WEB ACCESS Data media 2 x 960GB SSD. System memory 32GB RAM. Linux Ubuntu operating system.		

S-VMX STREAM REFLECTOR – Standard & Enterprise

S-VMX Stream Reflector appliance. Windows Server IoT 2022 Standard operating system. 3-year hardware warranty and data protection service with on-site HW support.



VHD300 – 1U high standard 4-bay rack-mount server

SSR205	S-VMX STREAM REFLECTOR System media 1TB HDD. 1U high 4-bay rack mount chassis.	1U x 19" VHD300 STD HW
SSR305	S-VMX ENTERPRISE STREAM REFLECTOR System media 240GB SSD RAID1. 1U high 8-bay rack mount chassis with redundant power supply. iDRAC Enterprise.	1U x 19" VHD300 ENT HW

S-VMX VIDEO WALL RECEIVER



S-VMX Video Wall is an excellent way to bring video content to big monitor walls.



VHD900 Micro and VHD900 Small Form Factor workstation.



VHD800 Mini tower workstation



VHD800 series 1RU workstation

S-VMX VIDEO WALL – VIDEO WALL RECEIVER

S-VMX Video Wall is a stand-alone unit providing cost effective alternative to a video wall system. The Video Wall unit is available in different mechanical form factors together with multiple options for number of decoding channels that can be freely allocated between the monitor outputs into single tile or multi-tile configurations.

The layout of the video wall is configured through the S-VMX Titanium Client. Addi-

tional decoding licenses can be purchased when the predefined configurations do not match with your particular need for the channel count to be displayed.

The Video Wall unit is available in Micro, Small Form Factor, Mini Tower and 1RU high rack mount workstation format.

Note! The video wall performance depends on the combination of encoding standard, resolution, frame rate, used bit rate, camera model and GPU configuration.

S-VMX VIDEO WALL RECEIVER – Micro, Small Form Factor, Professional and High Availability

S-VMX Video Wall Receiver appliance. Windows 10 IoT Enterprise 2021 LTSC operating system on SSD. 3-year hardware warranty and data protection service with on-site HW support.

S-VMX VIDEO WALL RECEIVER MICRO

Miniature form factor (Micro) workstation.

SVW923-04	4 channel decoding, 3 x DisplayPort	VHD900
SVW923-09	9 channel decoding, 3 x DisplayPort	Micro WS

S-VMX VIDEO WALL RECEIVER SFF

Small Form Factor (SFF) workstation.

SVW903-16	16 channel decoding, 3 x mini DisplayPort	VHD900 SFF WS
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S-VMX PROFESSIONAL VIDEO WALL RECEIVER

Mini Tower (MT) workstation.

SVW804-16	16 channel decoding, 4 x mini DisplayPort	VHD800 MT WS
SVW804-24	24 channel decoding, 4 x mini DisplayPort	
SVW804-32	32 channel decoding, 4 x mini DisplayPort	
SVW808-16	16 channel decoding, 8 x mini DisplayPort	
SVW808-24	24 channel decoding, 8 x mini DisplayPort	
SVW808-32	32 channel decoding, 8 x mini DisplayPort	

S-VMX HIGH AVAILABILITY VIDEO WALL RECEIVER

Rack mount (1RU) enterprise level short depth workstation with redundant power supply. Operating system on RAID1 NVMe disks.

SVW834-16	16 channel decoding, 4 x mini DisplayPort	VHD800 HA WS
SVW834-24	24 channel decoding, 4 x mini DisplayPort	
SVW834-32	32 channel decoding, 4 x mini DisplayPort	
SVW838-16	16 channel decoding, 8 x mini DisplayPort	
SVW838-24	24 channel decoding, 8 x mini DisplayPort	
SVW838-32	32 channel decoding, 8 x mini DisplayPort	

DECODER CONNECTION LICENSE

For additional Video Wall decoding channels.

SCL801	1 channel decoder connection licence for S-VMX Video Wall
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S-VMX VIDEO WALL, COMMAND & CAPTURE AND S-VMX SDK

Video decoding performance – Video Wall Receiver (S-VMX 4.6)

Typical maximum appliance performance (total number of decoding channels), when video streams (H.264, H.265) are evenly distributed among connected monitors. Actual number of decoding channels is subject to camera specific encoding parameters, workstation configuration and licensing.



APPLIANCE	Monitors connected	H.264 VIDEO STREAM RESOLUTION			
		4K UHD	1080p FHD	720p HD	480p SD
SVW923 MFF	1	2	8	17	20
	2	2	7	14	14
	3	2	7	11	11
SVW903 SFF	1	4	17	26	30
	2	4	16	23	33
	3	4	17	21	35
SVW804 MT	1	7	25	56	61
	2	7	28	56	58
	4	7	26	50	52
SVW808 MT	1	8	30	56	61
	2	8	34	68	88
	4	7	33	74	86
	8	8	31	54	55
SVW834 1RU	1	5	20	40	54
	2	5	22	36	72
	4	6	21	31	48
SVW838 1RU	1	6	21	40	54
	2	6	22	38	82
	4	6	23	36	68
	8	6	22	40	54



APPLIANCE	Monitors connected	H.265 VIDEO STREAM RESOLUTION			
		4K UHD	1080p FHD	720p HD	480p SD
SVW923 MFF	1	2	6	17	19
	2	2	6	14	14
	3	1	6	11	11
SVW903 SFF	1	4	19	25	31
	2	5	19	21	31
	3	5	18	21	37
SVW804 MT	1	8	25	48	60
	2	9	30	46	64
	4	9	27	50	50
SVW808 MT	1	8	32	48	60
	2	9	34	58	74
	4	9	32	56	78
	8	8	32	50	50
SVW834 1RU	1	6	19	32	50
	2	6	23	32	50
	4	6	21	30	47
SVW838 1RU	1	6	21	32	50
	2	6	24	36	66
	4	5	23	36	68
	8	6	23	36	54

Please refer to the latest technical specification for more detailed information!



VHD800 Mini tower workstation

S-VMX COMMAND & CAPTURE – SOFTWARE EXTENSION FOR S-VMX SYSTEM

Command & Capture is an innovative solution when integrating third party system or application, whether remote

or local, into S-VMX video management system without laborious and costly application specific software integration.

S-VMX COMMAND & CAPTURE

S-VMX Command & Capture software and hardware components allowing for deployment of third party integration.

S-VMX COMMAND & CAPTURE LICENSES

Command & Capture Software includes a license to control a third party system together with one capture license. Additional capture licenses need to be purchased separately for each monitor capture.

SCC111-E	S-VMX Command & Capture SW	Electronic delivery
SCC111-CD	S-VMX Command & Capture SW	Media delivery
SCL501	Capture connection license for Command & Capture	

S-VMX PROFESSIONAL COMMAND & CAPTURE WORKSTATION

Mini Tower (MT) workstation.

3-year hardware warranty and data protection service with on-site HW support.

SCC808-H	8 x HDMI, Windows 10 IoT Enterprise 2021 LTSC operating system on SSD.	VHD800 MT WS
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S-VMX COMMAND & CAPTURE HARDWARE ACCESSORIES

Optional components for hardware based control and capture of third party system.

MCE301	1 Ch Full HD Encoder, 60 fps, H.264/MJPEG, 10/100/1000Base-Tx, PoE	
VHT057 H	HDMI 2.0 - High Speed HDMI Cable with Ethernet	

S-VMX UNITED

S-VMX MULTISITE GATEWAY – COMMUNICATION GATEWAY

The **S-VMX Multisite Gateway** is needed when autonomous Video Management System islands are connected together with the main system.

The Multi-Site Gateway consists of two functional entities, **System Gateway** and **Stream Gateway**. System Gateway is located at the main system taking care of user rights and system management

between main and local systems. Depending on the partner system, Stream Gateways are located either at both the main and local sites or at main site, and they are responsible for the actual flow of data between the two systems.

The S-VMX Multisite Gateways are delivered in a space saving 1U high rack server.

S-VMX MULTISITE GATEWAY – Standard & Enterprise

S-VMX Multisite Gateway appliance. Windows Server IoT 2022 Standard operating system. 3-year hardware warranty and data protection service with on-site HW support.



VHD300 – 1U high standard
4-bay rack-mount server



VHD300 – 1U high enterprise-class
4-bay rack-mount server

S-VMX MULTISITE GATEWAY

1U high rack mount chassis.

SMG205-S	Multisite System Gateway	1U x 19" VHD300 4-bay STD HW
SMG205-V	Multisite Stream Gateway	

S-VMX ENTERPRISE MULTISITE GATEWAY

Operating system on hot-plug SSD RAID1. 1U high rack mount chassis with redundant power supply. iDRAC Enterprise remote management.

SMG305-S	Enterprise Multisite System Gateway	1U x 19" VHD300 4-bay ENT HW
SMG305-V	Enterprise Multisite Stream Gateway	
SMG305-SV	Enterprise Multisite System and Stream Gateway	

S-VMX UNITED LICENSES

S-VMX connection licenses for S-VMX United need to be purchased separately for each partner system based on the combination of total number of accessible cameras and number of concurrent connections between main and partner system.

SCL401	Camera Connection License for S-VMX United per Federated Device
SGL401 S	Gateway Connection License for S-VMX United per Concurrent Federated S-VMX Camera Connection
SGL401	Gateway Connection License for S-VMX United per Concurrent Federated 3rd Party Camera Connection

S-VMX LITE



S-VMX Lite is a complete stand-alone video surveillance.



VHD900 Micro and VHD900 Small Form Factor workstation.



VHD300 – 1U high standard 4-bay rack-mount chassis



VHD300 – 1U high 4-bay rack mount chassis with redundant power supply.

S-VMX LITE – STAND-ALONE VIDEO SURVEILLANCE AND MONITORING SYSTEM

S-VMX Lite is a concept of delivering fully professional security application in a single unit, but yet with the powerful performance and real estate friendly size. It is targeted for small camera count locations in multi-site installations that will be part of bigger network.

The S-VMX Lite is available in predefined configurations and each configuration has storage capacity for a minimum of 7 days of H.264 FHD video (5Mbps@25fps).

S-VMX Lite is delivered in Micro, Small Form Factor and 1RU high rack mount format.

S-VMX LITE – Micro, Small Form Factor, Standard & Professional

S-VMX Lite appliance includes licenses for two user connections. 3-year hardware warranty and data protection service with on-site HW support.

S-VMX LITE MICRO

Miniature form factor (Micro) workstation.

Windows 10 IoT Enterprise 2021 LTSC operating system.

SL-04M02N	4 channels	NVMe 256GB + NVMe 1.8TB (1x 2TB), 3 x DisplayPort, USB	VHD900 Micro WS
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S-VMX LITE SFF

Small Form Factor (SFF) workstation. Windows 10 IoT Enterprise 2021 LTSC operating system.

SL-09F04	9 channels	SSD 256GB + HDD 3.6TB (2 x 2TB), 3 x Mini DisplayPort, DVD.	VHD900 SFF WS
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S-VMX LITE

1U high 4-bay rack mount chassis. Windows Server IoT 2022 Standard operating system.

SL-16S08	16 channels	HDD 7.12TB (2 x 4TB), 3 x Mini DisplayPort, DVD.	1U x 19" VHD300 STD HW
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S-VMX LITE PROFESSIONAL

1U high 4-bay rack mount chassis with redundant power supply.

Windows Server IoT 2022 Standard operating system.

SL-32P32	32 channels	HDD 21.52TB RAID5 (4 x 8TB), 3 x Mini DisplayPort, DVD.	1U x 19" VHD300 PRO HW
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S-VMX APPLIANCE HARDWARE

Teleste offers a range of different mechanics for S-VMX component installations. This gives the opportunity to assemble systems tailored exactly to customer application requirements.



	VHD900 MFF workstation Hardware version H	VHD900 SFF workstation Hardware version I	VHD800 MT workstation Hardware version I	VHD800 1RU workstation Hardware version E
Appliances	Titanium Client Web Client Video Wall Receiver Lite	Titanium Client Web Client Video Wall Receiver Lite	Titanium Client Web Client Video Wall Receiver Command & Capture	Titanium Client Web Client Video Wall Receiver
Processor	Intel® Core™ i5-12500	Intel® Core™ i5-12600	Intel® Core™ i7-12700K	Intel® Core i9-9900K
Memory (RAM)	8GB DDR5 non-ECC	8GB DDR4 non-ECC	16GB DDR5 non-ECC	16GB DDR4 non-ECC
System Media	256GB NVMe SSD (M.2)			
Data media	1 x NVMe SSD (M.2)	1 x 3.5" SATA HDD	1 x 3.5" SATA HDD	4 x 2.5" SATA HDD
Optical media	External (option)	8x DVD+/-RW		External (option)
Graphics	Intel® UHD Graphics 770 (int.)	NVIDIA T400 4GB		NVIDIA T1000 8GB
Network interface		1 x 10/100/1000Base-T		1 x 10GBASE-T 1 x 10/100/1000Base-T
USB (front)	1 x USB 3.2 Gen2 Type-A 1 x USB 3.2 Gen 2x2 Type C	2 x USB 2.0 1 x USB 3.2 Gen2 1 x USB 3.2 Gen2 Type-C	2 x USB 3.2 Gen1 Type-A 1 x USB 3.2 Gen2 Type-C 1 x USB 3.2 Gen 2x2 Type C	2 x USB 3.1 Type-A 1 x USB 3.1 Type-C
USB (rear)	1 x USB 3.2 Gen1 Type-A 2 x USB 3.2 Gen2 Type-A	2 x USB 2.0 3 x USB 3.2 Gen1 1 x USB 3.2 Gen2	2 x USB 2.0 Type-A 2 x USB 3.2 Gen2 Type-A 2 x USB 3.2 Gen2 Type-C	2 x USB 3.1 Type-C
Power supply	180W (19.5VDC, 9.23A)	300W (92% efficiency)	500W (92% efficiency)	2 x 550W (90% efficiency)
Heat dissipation	615 BTU/hr (max. PSU wattage)	1024 BTU/hr (max. PSU wattage)	1706 BTU/hr (max. PSU wattage)	1887 BTU/hr (max. PSU wattage)
Operating temp. Range	+10...+35°C / +50...+95°F	+5...+45°C / +41...+113°F	+10...+35°C / +50...+95°F	+10...+45°C / +50...+113°F
Relative humidity	20...80% (non-condensing)			
Dimensions (H x W x D)	182 x 36 x 178mm 7.17" x 1.42" x 7.0"	290 x 92.6 x 293mm 11.42" x 3.65 x 11.53"	369.3 x 173.0 x 420.2mm 14.52" x 6.81 x 16.53"	42.8 x 482 x 577.5mm 1.68" x 18.97 x 23.73"
Weight	1.25kg / 2.75lbs (maximum)	5.63kg / 12.42lbs (maximum)	15.8kg / 34.83lb (maximum)	12.42kg / 27.38lbs (maximum)

S-VMX APPLIANCE HARDWARE



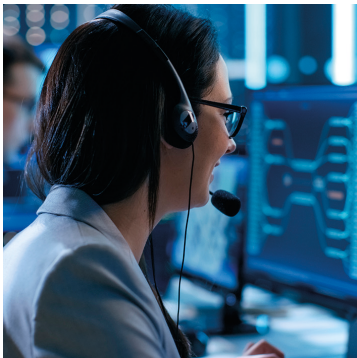
VHD300 Enterprise Server - 1U Hardware version I				VHD300 STD NVR - 1U Hardware version I	VHD300 HA NVR - 1U Hardware version I	VHD700 HA & HP NVR - 2U Hardware version H
Appliances	System Server Application Server Lite	System Server Application Server	Network Video Recorder	Network Video Recorder	Network Video Recorder	Network Video Recorder
Processor	Intel® Xeon® E-2334	Intel® Xeon® E-2336	Intel® Xeon® E-2324G	Intel® Xeon® E-2334	Intel® Xeon® Silver 4210	
Memory (RAM)	16GB DDR4 ECC	16GB DDR4 ECC 32GB DDR4 ECC 64GB DDR4 ECC	16GB DDR4 ECC	16GB DDR4 ECC		
System Media	2 x 1TB 3.5" SATA RAID1 Shared with Data media (Lite)	2 x 240GB M.2 SATA SSD (Hot-Plug) RAID1	Shared with data media	2 x 240GB M.2 SATA SSD (Hot-Plug) RAID1	2 x 240GB M.2 SATA SSD RAID1	
Data media	4 x 3.5" hot-plug	8 x 2.5" hot-plug	4 x 3.5" hot-plug	4 x 3.5" hot-plug	18 x 3.5" hot-plug	
Storage	4TB, 8TB 3.5" SATA (Lite)	480GB, 960GB 2.5" SSD	4TB, 8TB 3.5" SATA	4TB, 8TB, 12TB, 16TB and 20TB 3.5" NLSAS		
Storage Controller	JBOD RAID levels 0, 1, 5	JBOD RAID levels 0, 1, 5, 6	JBOD	RAID levels 0, 1, 5, 6 RAID spans 10, 50, 60 8GB cache memory	RAID levels 0, 1, 5, 6 RAID spans 10, 50, 60 2GB cache memory	
Optical media					Not available	
Graphics	NVIDIA T400 4GB (Lite)	Optional	Not Available	Optional	Optional	
Network interface	2 x 10/100/1000BASE-T - Broadcom	2 x 10/100/1000BASE-T - Broadcom 4 x 10/100/1000BASE-T - Intel	2 x 10/100/1000BASE-T - Broadcom	2 x 10/100/1000BASE-T - Broadcom 4 x 10/100/1000BASE-T - Intel	2 x 1/10GBASE-T - Intel 4 x 10/100/1000BASE-T - Intel	
USB (front)		1 x USB 2.0 Type-A 1 x USB 2.0 Type Micro-AB		2 x USB 2.0 Type-A 1 x USB 2.0 Type Micro-AB		
USB (rear)		1 x USB 2.0 Type-A 1 x USB 3.0 Type-A		2 x USB 3.0 Type-A		
Management	iDRAC Express	iDRAC Enterprise	iDRAC Express	iDRAC Enterprise		
Power supply	600W (90% efficiency)		2 x 600W (90% efficiency)	2 x 750W (90% efficiency)		
Heat dissipation		2250 BTU/hr (max. PSU wattage)		2891 BTU/hr (max. PSU wattage)		
Operating temp. Range		+10...+35°C / +50...+95°F				
Relative humidity		8...80% (non-condensing)				
Dimensions (H x W x D)	42.8 x 482 x 563.3mm 1.7" x 18.98 x 22.18"	42.8 x 482 x 512.53mm 1.7" x 18.98 x 20.17"	42.8 x 482 x 563.3mm 1.7" x 18.98 x 22.18"			
Weight	13.14kg / 28.96lbs (maximum)	13.14kg / 28.96lbs (maximum)	13.14kg / 28.96lbs (maximum)			

S-VMX HARDWARE SERVICES

All S-VMX appliances include HW warranty with on-site support and data protection service for three years.



HARDWARE WARRANTY EXTENSION – including Data Protection service		
VSD103 4Y	VAD100 Series Storage HW	From 3 years to 4 years
VSD103 5Y		From 3 years to 5 years
VSD303 4Y	VHD300 Series Server HW	From 3 years to 4 years
VSD303 5Y		From 3 years to 5 years
VSD303 6Y		From 3 years to 6 years
VSD303 7Y		From 3 years to 7 years
VSD703 4Y	VHD700 Series Server HW	From 3 years to 4 years
VSD703 5Y		From 3 years to 5 years
VSD703 6Y		From 3 years to 6 years
VSD703 7Y		From 3 years to 7 years
VSD803 4Y	VHD800 Series Workstation HW	From 3 years to 4 years
VSD803 5Y		From 3 years to 5 years
VSD903 4Y	VHD900 Series Workstation HW	From 3 years to 4 years
VSD903 5Y		From 3 years to 5 years



ON-SITE DIAGNOSIS SERVICE		
VSD131	VAD100 Series Storage HW	for 3 years
VSD141		for 4 Years - Available with VSD103 4Y
VSD151		for 5 Years - Available with VSD103 5Y
VSD331	VHD300 Series Server HW	For 3 Years
VSD341		for 4 Years - Available with VSD303 4Y
VSD351		for 5 Years - Available with VSD303 5Y
VSD361		for 6 Years - Available with VSD303 6Y
VSD371		for 7 Years - Available with VSD303 7Y
VSD731	VHD700 Series Server HW	For 3 Years
VSD741		for 4 Years - Available with VSD703 4Y
VSD751		for 5 Years - Available with VSD703 5Y
VSD761		for 6 Years - Available with VSD703 6Y
VSD771		for 7 Years - Available with VSD703 7Y
VSD831	VHD800 Series Workstation HW	For 3 Years
VSD841		for 4 Years - Available with VSD803 4Y
VSD851		for 5 Years - Available with VSD803 5Y
VSD931	VHD900 Series Workstation HW	For 3 Years
VSD941		for 4 Years - Available with VSD903 4Y
VSD951		for 5 Years - Available with VSD903 5Y

NOTES



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