S-VMX VIDEO MANAGEMENT SYSTEM
AVAILABLE PRODUCTS

IP video management system products,
valid from 1st April 2022

TELESTE

CONTENTS

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 SOFTWARE VERSIONS, SYSTEM LICENCES AND UPGRADE
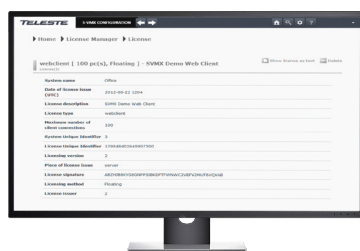
S-VMX System license is controlling the system resources available and accessible to the user of the video management system.

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. The rest is child's play.

S-VMX systems are divided into several pre-defined levels based on the number of cameras connected and/or number of concurrent LAN/WAN client connections and redundancy options. Once the suitable level and the functionality within that level is defined, all that is needed is to pick-up relevant products with desired functionality.

Operator can flexibly expand the S-VMX system from one level to another by upgrading the applicable camera license.

S-VMX SOFTWARE VERSION

S-VMX system information indicates the S-VMX level and 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.

SSV146	S-VMX System, level 1	
SSV246	S-VMX System, level 2	**Software Suite Version 4.6**
SSV346	S-VMX System, level 3	
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

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.

SCL101	Camera license for S-VMX Level 1	
SCL201	Camera license for S-VMX Level 2	Per connected camera
SCL301	Camera license for S-VMX Level 3	
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
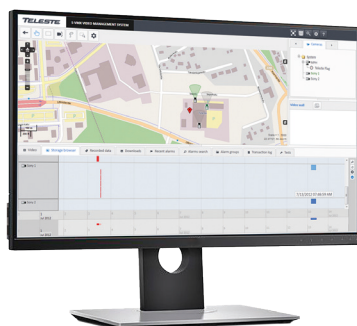
S-VMX Server is an integral element providing central control of the Teleste S-VMX system

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.

SXS203	**S-VMX STANDARD SYSTEM SERVER** System and data media 1TB HDD. Windows Server IoT 2019 Standard operating system. 1U high 4-bay rack mount chassis.	1U x 19" VHD300 STD HW
SXS303-2D048	**S-VMX ENTERPRISE SYSTEM SERVER** System media 240GB SSD RAID1. Data media 2 x 480GB SSD. Windows Server IoT 2019 Standard operating system. 1U high 8-bay rack mount chassis with redundant power supply. iDRAC Enterprise remote management.	1U x 19" VHD300 ENT HW
SXS3032-2D096	**S-VMX ENTERPRISE SYSTEM SERVER** System media 240GB SSD RAID1. Data media 2 x 960GB SSD. System memory 32GB RAM. Windows Server IoT 2019 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. 876 TBW.
VHD096 D	**960GB SSD** 6Gbps 2.5" SATA Hot-plug Drive for VHD300 Series 8-bay Server. 3504 TBW.

S-VMX NETWORK VIDEO RECORDER (NVR)

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

S-VMX NVR – NETWORK VIDEO RECORDER

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, Professional, High Availability & High Performance

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 2019 Storage Workgroup operating system. 1U high rack mount chassis.

SNR243-01	3.52TB (1 x 4TB)	
SNR243-02	7.12TB (2 x 4TB)	1U x 19"
SNR243-03	10.72TB (3 x 4TB)	VHD300
SNR283-02	14.32TB (2 x 8TB)	4-bay
SNR283-03	21.52TB (3 x 8TB)	STD HW
SNR283-04	28.72TB (4 x 8TB)	

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

S-VMX PROFESSIONAL NVR
Windows Server IoT 2019 Storage Workgroup operating system. RAID5.
1U high rack mount chassis with redundant power supply.

SNR342-04	10.72TB RAID5 (4 x 4TB)	1U x 19"
SNR382-04	21.52TB RAID5 (4 x 8TB)	VHD300
SNR3122-04	32.32TB RAID5 (4 x 12TB)	4-bay
SNR3162-04	43.12TB RAID5 (4 x 16TB)	PRO HW

S-VMX HIGH AVAILABILITY NVR
Windows Server IoT 2019 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.

SNR3043-04	10.8TB RAID5 (4 x 4TB)	
SNR3083-04	21.6TB RAID5 (4 x 8TB)	1U x 19"
SNR3123-04	32.4TB RAID5 (4 x 12TB)	VHD300
SNR3163-04	43.2TB RAID5 (4 x 16TB)	4-bay
SNR3183-04	48.6TB RAID5 (4x 18TB)	HA HW

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

S-VMX NVR – Standard, Professional, High Availability & High Performance

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

S-VMX HIGH AVAILABILITY NVR

Windows Server 2016 Standard embedded operating system on 240GB SSD RAID1.
RAID6 for data media. 2U high rack mount chassis with redundant power supply.
iDRAC Enterprise remote management.

SNR7043-12	36.0TB RAID6 (12 x 4TB)	
SNR7043-16	50.4TB RAID6 (16 x 4TB)	
SNR7083-12	72.0TB RAID6 (12 x 8TB)	
SNR7083-16	100.8TB RAID6 (16 x 8TB)	2U x 19"
SNR7123-16	151.2TB RAID6 (16 x 12TB)	VHD700
SNR7123-18	172.8TB RAID6 (18 x 12TB)	18-bay
SNR7163-16	201.6TB RAID6 (16 x 16TB)	HA HW
SNR7163-18	230.4TB RAID6 (18 x 16TB)	
SNR7183-18	259.2TB RAID6 (18x18TB)	

S-VMX HIGH PERFORMANCE NVR - 200 CHANNELS

Windows Server 2016 Standard embedded operating system on 240GB SSD RAID1.
RAID6 for data media. 2U high rack mount chassis with redundant power supply.
iDRAC Enterprise remote management.

SNR7043-14-2R6	2 x 18.0TB RAID6 (14 x 4TB)	
SNR7043-18-2R6	2 x 25.2TB RAID6 (18 x 4TB)	
SNR7083-14-2R6	2 x 36.0TB RAID6 (14 x 8TB)	2U x 19"
SNR7083-18-2R6	2 x 50.4TB RAID6 (18 x 8TB)	VHD700
SNR7123-18-2R6	2 x 75.6TB RAID6 (18 x 12TB)	18-bay
SNR7163-18-2R6	2 x 100.8TB RAID6 (18 x 16TB)	HA HW
SNR7183-18-2R6	2 x 113.4TB RAID6 (18x18TB)	

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

S-VMX ENTERPRISE NVR FOR EXTERNAL STORAGE

Windows Server IoT 2019 Standard operating system on 480GB SSD RAID1.
1U high rack mount chassis with redundant power supply.
iDRAC Enterprise remote management.

SNR303-D3	12Gbps RAID Host Bus Controller	1U x 19"
SNR303-IP	10GbE Dual Port iSCSI Adapter	VHD300
SNR303-SC	12Gbps SCSI Host Bus Adapter	4-bay
		HA HW

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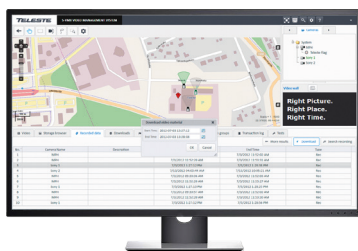
S-VMX System Storage can scale up to 576TB of unformatted HDD capacity in redundant mode.

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

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.

VHD900 Micro and VHD900 Small Form Factor workstation.

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

S-VMX Titanium Client appliance. Windows 10 IoT Enterprise 2019 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.

STC922	Standard	2 x DisplayPort, USB	VHD900 Micro WS
STC932	Review	2x DisplayPort, 1TB local storage, USB	

S-VMX TITANIUM CLIENT SFF
Small Form Factor (SFF) workstation.

STC904	Standard	4 x Mini DisplayPort, DVD	VHD900 SFF WS
STC914	Review	4 x Mini DisplayPort, 1TB local storage, DVD	

VHD800 Mini tower workstation

S-VMX PROFESSIONAL TITANIUM CLIENT
Mini Tower (MT) workstation.

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

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 DisplayPort, USB	VHD800 HA WS
STC844	Review	2 x DisplayPort, 1TB (SED) local storage, USB	

VHD800 series 1RU workstation

UNIVERSAL CCTV KEYBOARD CONTROLLER

VKV910	Joystick, Keypad (38 Keys) & Jog Wheel - Desktop, USB

VKV910 Universal CCTV Keyboard Controller

S-VMX WEB ACCESS

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 Server is the gateway between the Video Management System and the Client.

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

SWA303-2D048	**S-VMX ENTERPRISE WEB ACCESS SERVER** Data media 2 x 480GB SSD. Windows Server IoT 2019 Standard operating system.	Supports max. 50 concurrent users.	
SWA393-2D048-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.	1U x 19" VHD300 ENT HW
SWA3932-2D096-W	**S-VMX ENTERPRISE SERVER FOR PROFESSIONAL WEB ACCESS** Data media 2 x 960GB SSD. System memory 32GB RAM. Linux Ubuntu operating system.		
SWA3932-2D096-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 2019 Standard operating system. 3-year hardware warranty and data protection service with on-site HW support.

SSR203	**S-VMX STREAM REFLECTOR** System media 1TB HDD. 1U high 4-bay rack mount chassis.	1U x 19" VHD300 STD HW
SSR303	**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

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

S-VMX VIDEO WALL RECEIVER

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 and used bit rate.

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 RECEIVER – Micro, Small Form Factor, Professional and High Availability

S-VMX Video Wall Receiver appliance. Windows 10 IoT Enterprise 2019 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.

SVW922-04	4 channel decoding, 2 x DisplayPort	VHD900 Micro WS
SVW922-09	9 channel decoding, 2 x DisplayPort	

S-VMX VIDEO WALL RECEIVER SFF
Small Form Factor (SFF) workstation.

SVW904-16	16 channel decoding, 4 x Mini DisplayPort	VHD900 SFF WS

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 SSD disks.

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

DECODER CONNECTION LICENSE
For additional Video Wall decoding channels.

SCL801	1 channel decoder connection licence for S-VMX Video Wall

S-VMX VIDEO WALL, COMMAND & CAPTURE AND S-VMX SDK

Video decoding performance – Video Wall Receiver (S-VMX 4.4)

Typical maximum appliance performance (total number of decoding channels), when video streams (H.264) are evenly distributed among connected monitors. Actual number of decoding channels is subject to licensing.

APPLIANCE	Monitors connected	VIDEO STREAM RESOLUTION			
		4K UHD	1080p	720p	4CIF
SVW922	1	2	9	16	16
	2	2	9	16	20
SVW903	1	4	16	16	16
	2	4	16	20	24
	3	4	16	20	24
SVW804	1	6	16	16	16
	2	6	20	32	32
	4	6	20	36	36
SVW808	8	6	20	36	36
SVW834	1	7	16	16	16
	2	7	24	32	32
	4	7	24	52	64
SVW838	8	7	24	52	80

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

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 2019 operating system on SSD.	VHD800 MT WS

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

VHD800 Mini tower workstation

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.

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

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

S-VMX MULTISITE GATEWAY – Standard & Enterprise

S-VMX Multisite Gateway appliance. Windows Server IoT 2019 Standard operating system. 3-year hardware warranty and data protection service with on-site HW support.

S-VMX MULTISITE GATEWAY
1U high rack mount chassis.

SMG203-S	Multisite System Gateway	1U x 19" VHD300 4-bay STD HW
SMG203-V	Multisite Stream Gateway	

S-VMX ENTERPRISE MULTISITE GATEWAY
Operating system on 240GB SSD RAID1. 1U high rack mount chassis with redundant power supply. iDRAC Enterprise remote management.

SMG303-S	Enterprise Multisite System Gateway	1U x 19" VHD300 4-bay ENT HW
SMG303-V	Enterprise Multisite Stream Gateway	
SMG303-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 2019 operating system.

SL-04M02	4 channels	SSD 256GB + HDD 1.8TB (1 x 2TB), 2 x DisplayPort, USB.	VHD900 Micro WS

S-VMX LITE SFF
Small Form Factor (SFF) workstation. Windows 10 IoT Enterprise 2019 operating system.

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

S-VMX LITE
1U high 4-bay rack mount chassis. Windows Server IoT 2019 Standard operating system.

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

S-VMX LITE PROFESSIONAL
1U high 4-bay rack mount chassis with redundant power supply.
Windows Server IoT 2019 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

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
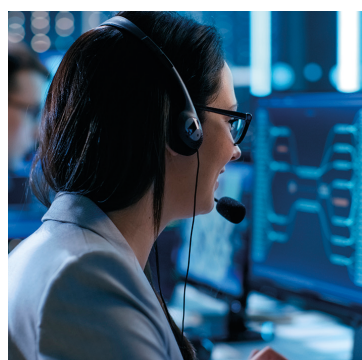
ON-SITE DIAGNOSIS SERVICE		
VSD131	VAD100 Series Storage HW	for 3 years
VSD141		for 4 Years - Available with VSD103 4Y
VSD151		for 5 Years - Available with VSD103 5Y
VSD331	VHD300 Series Server HW	For 3 Years
VSD341		for 4 Years - Available with VSD303 4Y
VSD351		for 5 Years - Available with VSD303 5Y
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

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 Micro workstation — Hardware version G	VHD900 SFF workstation — Hardware version H	VHD800 MT workstation — Hardware version H	VHD800 1RU workstation — Hardware version C
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 / Lite	Titanium Client / Web Client / Video Wall Receiver
Processor	Intel® Core™ i5-10500	Intel® Core™ i7-8700	Intel® Core™ i7-10700K	Intel® Core i9-9900K
Memory (RAM)		8GB DDR4		16GB DDR4 non-ECC
System Media		1 x 256GB M.2 SSD		2 x 256GB 2.5" SATA SSD (RAID1)
Data media	1 x 2.5" SATA HDD	1 x 2.5" SATA HDD / 2 x 2.5" SATA HDD (Lite)	1 x 2.5" SATA HDD	2 x 2.5" SED
Optical media	External (option)	8x DVD+/-RW	8x DVD+/-RW	External (option)
Graphics	Intel®UHD Graphics 630 (int.)	NVIDIA P400 / NVIDIA P620	NVIDIA P1000	NVIDIA RTX A2000 / RTX4000
Network interface	1 x 10/100/1000Base-T	1 x 10/100/1000Base-T	1 x 10/100/1000Base-T	1 x 10GBASE-T / 1 x 10/100/1000Base-T
Power supply	180W (19.5VDC, 9.23A)	300W (90% efficiency)	400W (90% efficiency)	2 x 550W (90% efficiency)
Heat dissipation	615 BTU/hr (max. PSU wattage)	1024 BTU/hr (max. PSU wattage)	1570 BTU/hr (max. PSU wattage)	1887 BTU/hr (max. PSU wattage)
Operating temp. Range	+10...+35ºC / +50...+95ºF	+0...+45ºC / +32....+113ºF	+10...+35ºC / +50...+95ºF	+10...+45ºC / +50....+113ºF
Relative humidity	20...80% (non-condensing)	20...80% (non-condensing)	20...80% (non-condensing)	10...85% (non-condensing)
Dimensions (H x W x D)	182 x 36 x 178mm / 7.2" x 1.4" x 7.0"	290 x 92.6 x 292mm / 11.42" x 3.65 x 11.50"	331 x 176.6 x 345mm / 13.03" x 6.95 x 13.58"	42.8 x 482 x 577.5mm / 1.68" x 18.97 x 23.73"
Weight	1.18kg / 2.60lbs (chassis)	5.26kg / 11.57lbs (chassis)	10.6kg / 23.37lb (maximum)	12.42kg / 27.38lbs (maximum)

S-VMX APPLIANCE HARDWARE

	VHD300 STD Server - 1U (Hardware version H)	VHD300 PRO Server - 1U (Hardware version H)	VHD300 HA Server - 1U (Hardware version H)	VHD300 Enterprise Server - 1U (Hardware version H)	VHD700 HA Server - 2U (Hardware version G)
Appliances	System Server, Application Server, Lite, Network Video Reorder	Network Video Recorder	Network Video Recorder	System Server, Application Server	Network Video Recorder
Processor	Intel® Xeon® E-2244G				Intel® Xeon® Silver 4210
Memory (RAM)	16GB DDR4 ECC				
System Media	1 x 1TB 3.5" SATA	Shared with Data media	2 x 240GB M.2 SSD RAID1 / 2 x 480GB 2.5" SSD RAID1	2 x 240GB M.2 SSD RAID1	2 x 240GB M.2 SSD RAID1
Data media	4 x 3.5" HDD	4 x 3.5" HDD	8 x 2.5" SSD hot-plug	8 x 2.5" SSD hot-plug	18 x 3.5" Nearline SAS hot-plug
Storage	4TB, 8TB 3.5" SATA HDD	4TB, 8TB, 12TB and 16TB NL SAS	4TB, 8TB, 12TB, 16TB and 18TB NL SAS	480GB, 960GB 2.5" SSD	4TB, 8TB, 12TB, 16TB and 18TB NL SAS
Storage Controller	JBOD, RAID levels 0, 1, 5 (Lite PRO), RAID spans 10, 50 (Lite PRO)	RAID levels 0, 1, 5, 6, RAID spans 10, 50, 60, 2GB cache memory	RAID levels 0, 1, 5, 6, RAID spans 10, 50, 60, 2GB cache memory	JBOD, RAID levels 0, 1, 5, RAID spans 10, 50	RAID levels 0, 1, 5, 6, RAID spans 10, 50, 60, 2GB cache memory
Optical media	Factory option	Factory option	Not available	Not available	Not available
Graphics	NVIDIA P400 (Lite, Lite PRO)	NVIDIA P400 (Lite, Lite PRO)	Not available	Not available	Optional
Network interface	2 x 10/100/1000BASE-T - Broadcom	2 x 10/100/1000BASE-T - Broadcom	2 x 10/100/1000BASE-T - Broadcom / 2 x 10/100/1000BASE-T - Intel	2 x 10/100/1000BASE-T - Broadcom / 2 x 10/100/1000BASE-T - Intel	2 x 1/10GBASE-T (Intel) / 2 x 10/100/1000BASE-T (Intel)
Management	iDRAC Express	iDRAC Express	iDRAC Enterprise	iDRAC Enterprise	iDRAC Enterprise
Power supply	1 x 350W (90% efficiency), 2x 350W (Lite PRO)	2 x 350W (90% efficiency)	2 x 350W (90% efficiency)	3 x 350W (90% efficiency)	2x 750W (90% efficiency)
Heat dissipation	1340 BTU/hr (max. PSU wattage)	1340 BTU/hr (max. PSU wattage)	1340 BTU/hr (max. PSU wattage)	1341 BTU/hr (max. PSU wattage)	2891 BTU/hr (max. PSU wattage)
Operating temp. Range	+10...+35ºC / +50...+95ºF, +5... +40ºC* / +41 ... +104ºF*, -5... +45ºC** / +23... +113ºF**				
Relative humidity	10...80% (non-condensing), 5 ...85%*, 5 ...90%**				
Dimensions (H x W x D)	86.8 x 482 x 522.8mm / 3.42" x 18.98" x 20.58"	86.8 x 482 x 522.8mm / 3.42" x 18.98" x 20.58"	86.8 x 482 x 522.8mm / 3.42" x 18.98" x 20.58"	86.8 x 482 x 573.6mm / 3.42" x 18.98" x 22.58"	86.8 x 482 x 715.5mm / 3.42" x 18.98" x 28.17"
Weight	13.2kg / 29.10lbs (maximum)	13.2kg / 29.10lbs (maximum)	13.2kg / 29.10lbs (maximum)	12.0kg / 26.46lbs (maximum)	33.1kg / 72.97lbs (maximum)

* Extended temperature range, system performance may be impacted

** 1% of annual operating hours

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