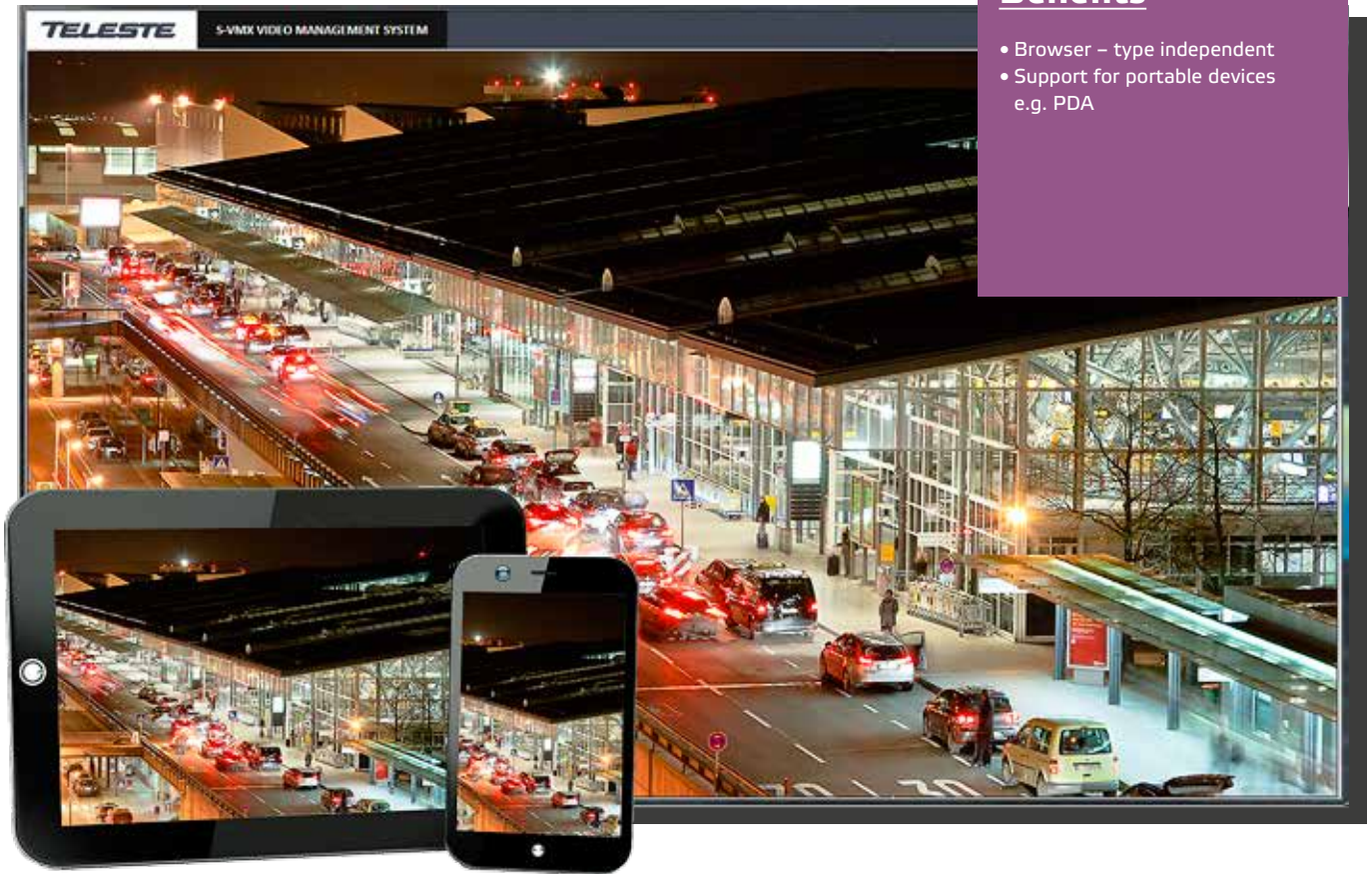


**Benefits**

- Browser – type independent
- Support for portable devices e.g. PDA



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

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 with the integrated System Server.

Multiple Web Access Servers with special Load Balancer units can be connected together in order to support hundreds of concurrent user connections.

The stand-alone S-VMX Web Access Server is delivered in a space saving 1U high rack-mount 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 MJPEG format with suitable resolution for the connected Client, whether a laptop or a PDA.

The Stream Reflector functionality is a built-in functionality of the VMX System Server. A dedicated Stream reflector is needed when the number of video channels decoded by the WAN clients exceeds that available from the integrated Stream Reflector.

Adequate scalability can be achieved by connecting multiple Stream Reflector units to the Web Access Server.

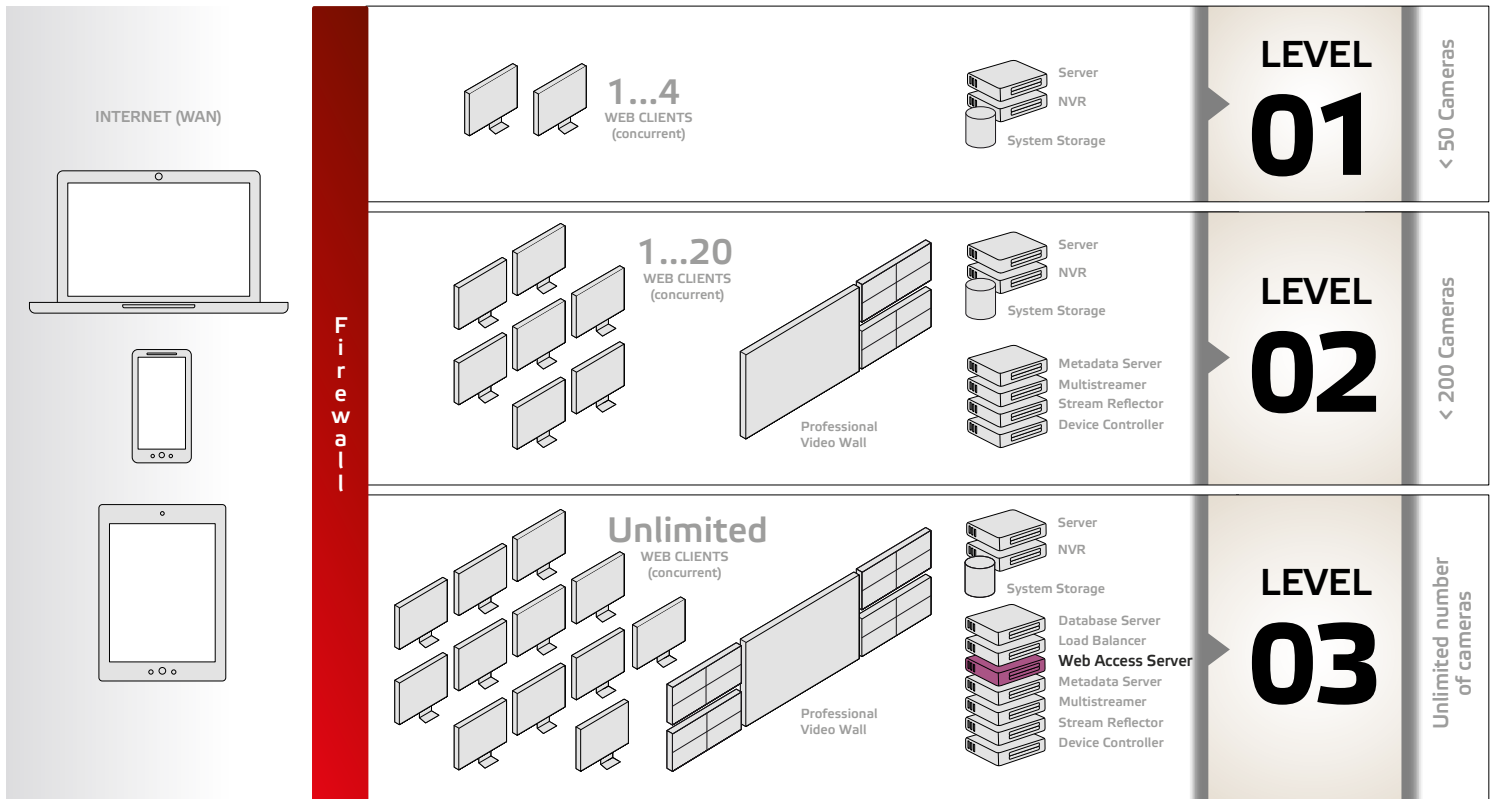
The stand-alone S-VMX Stream Reflector is delivered in a space saving 1U high rack-mount server.

**S-VMX Load Balancer** is a dedicated unit deployed in pairs when implementing professional redundant web access to the S-VMX system.

Two Load Balancer units connected together with two Web Access server units provide system access to several hundreds of concurrent users.

The S-VMX Load Balancer is delivered in a space saving 1U enterprise-class rack-mount server.

# S-VMX Web Access Server



## Technical specifications (Typical values unless otherwise stated)

| Video  |  | General (*10% of annual operating hours, **1% of annual operating hours) |  |
|--|--|--|--|
| Encoding formats                                   | H.264, MPEG-4, MPEG-2, MJPEG           | Operating temperature range  | +10...+35°C (50...95°F)<br>+5...+40°C (41...104°F)*<br>-5...+45°C (23...113°F)** |
| Streaming  | Multicast, unicast                     | Storage temperature  | -40...+65°C (-40...149°F)  |
| Software   |  | Relative humidity  | 10...80%<br>5...85%*<br>5...90%**  |
| Operating system                                   | Microsoft Windows Server 2008 Embedded | Weight   | 19.3kg (42.55lbs)  |
| Application  | S-VMX Web Access Server                | Dimensions:  | 677.3 mm (26.66")<br>642.3 mm (25.29")<br>19"<br>1U                              |
| 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                                       | RAID 0, 1, 5 & 6                       |  |  |
| 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   |  |

## Ordering codes (Suite 2.2)

**SWA391 - 2.2** S-VMX 2.2 Professional Web Access Server 1 x HDD 1TB

## Hardware services ordering codes

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

# S-VMX Stream Reflector



## Technical specifications (Typical values unless otherwise stated)

| Software   |                                 |                        | General (*10% of annual operating hours, ** 1% of annual operating hours) |                               |  |
|--|---------------------------------|------------------------|---|-------------------------------|--|
| Operating system   | Microsoft® Windows Server® 2008 |                        | Operating temperature range +10...+35°C (50...95°F)                       |                               |  |
| Application  | S-VMX Stream Reflector          |                        | +5...+40°C (41...104°F)*  |                               |  |
| <b>Hardware</b> (*80GB partition for OS and application, **based on PSU max wattage) |                                 |                        | -5...+45°C (23...113°F)**   |                               |  |
| Chassis  | 1U rack server                  | VHD200 series (SSR201) | Storage temperature   | -40...+65°C (-40...149°F)     |  |
|  | 1U rack server, deep            | VHD300 series (SSR301) | Relative humidity   | 20...80%                      |  |
| Processor  | E3-1200 family                  | SSR201                 |   | 10...80%                      |  |
|  | E5-2400 family                  | SSR301                 |   | 5...85%*                      |  |
| Memory   | 8 GB RAM                        | SSR201                 |   | 5...90%**                     |  |
|  | 12 GB RAM                       | SSR301                 | Weight  | 8.05kg (17.76lbs) SSR201, max |  |
| Graphic adapter  | VGA                             |                        |   | 19.3kg (42.55lbs) SSR301, max |  |
| Network  | 2 x 10/100/1000Base-T           |                        | Dimensions:   |                               |  |
| Optical drive  | 16 x DVD ±R/W                   |                        |   |                               |  |
| HDD*   | 500GB, no RAID                  | SSR201                 |   |                               |  |
|  | 1 x 3.5", RAID1                 | SSR301, hot swap       |   |                               |  |
| Power supply   | 1 x 250W                        | SSR201                 |   |                               |  |
|  | 2 x 350W, redundant             | SSR301, hot plug       |   |                               |  |
| Heat dissipation**   | 1040 BTU/hr                     | SSR201                 |   |                               |  |
|  | 1356 BTU/hr                     | SSR301                 |   |                               |  |

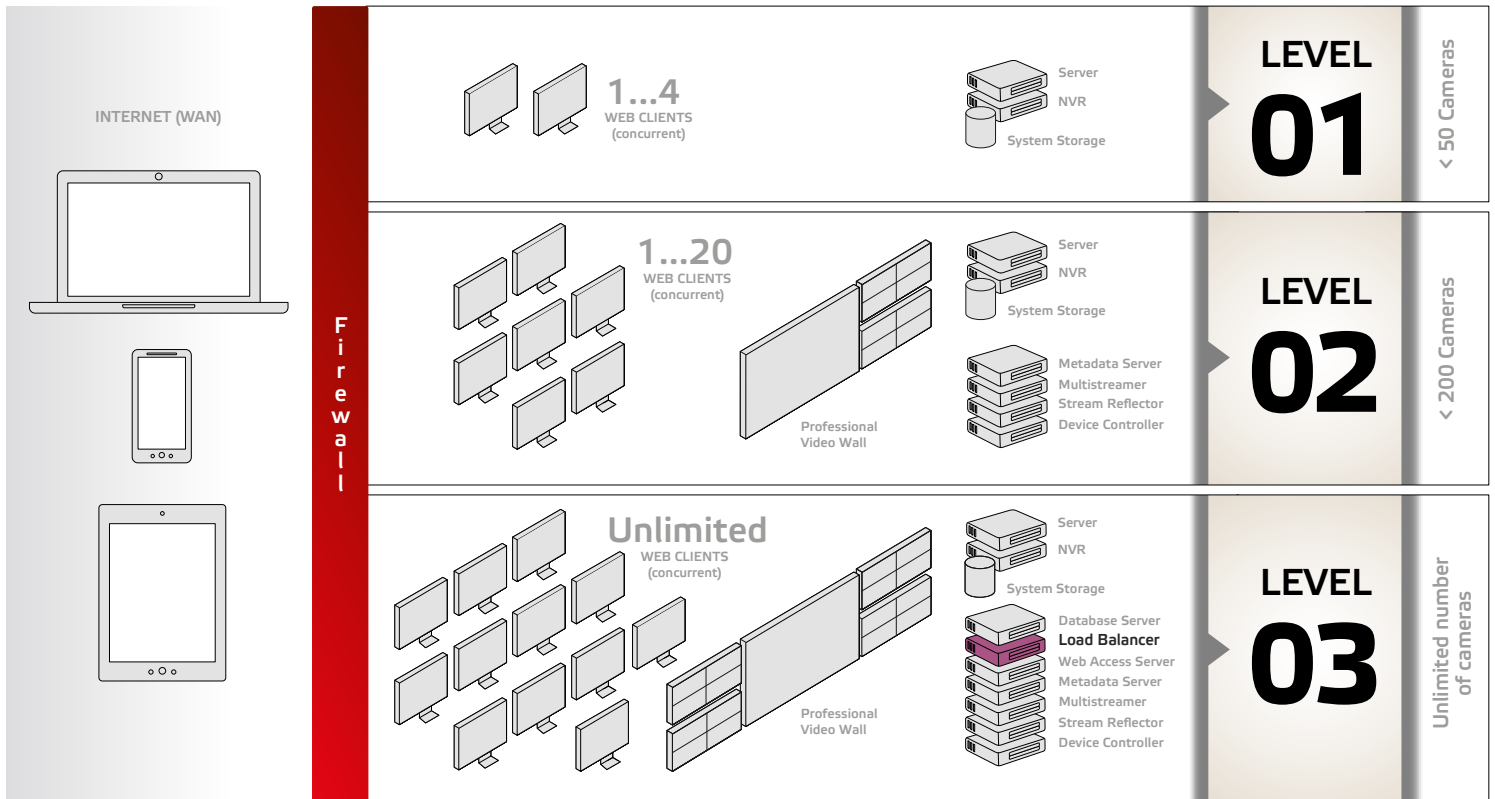
## Ordering codes (Suite 2.2)

|                     |   |                   |
|---------------------|---|-------------------|
| <b>SSR201 - 2.2</b> | S-VMX 2.2 Stream Reflector              | 1 x HDD 500GB     |
| <b>SSR301 - 2.2</b> | S-VMX 2.2 Professional Stream Reflector | 1 x HDD 1TB RAID1 |

## Hardware services ordering codes

|               |   |
|---------------|---|
| <b>VSD031</b> | VHD200/300 series HW, On-site diagnosis service for 3 years |
| <b>VSD041</b> | VHD200/300 series HW, On-site diagnosis service for 4 years |
| <b>VSD051</b> | VHD200/300 series HW, On-site diagnosis service for 5 years |
| <b>VSD032</b> | VHD200/300 series HW, Data protection service for 3 years   |
| <b>VSD042</b> | VHD200/300 series HW, Data protection service for 4 years   |
| <b>VSD052</b> | VHD200/300 series HW, Data protection service for 5 years   |
| <b>VSD240</b> | VHD200 series HW warranty extension from 3 years to 4 years |
| <b>VSD340</b> | VHD300 series HW warranty extension from 3 years to 4 years |
| <b>VSD250</b> | VHD200 series HW warranty extension from 3 years to 5 years |
| <b>VSD350</b> | VHD300 series HW warranty extension from 3 years to 5 years |
| <b>VSD260</b> | VHD200 series HW warranty extension from 3 years to 6 years |
| <b>VSD360</b> | VHD300 series HW warranty extension from 3 years to 6 years |

# S-VMX Load Balancer



## 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 Load Balancer                    |
| 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", RAID1                        |
| RAID support                                      | RAID 0, 1, 5 & 6                       |
| 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   |

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

## Ordering codes (Suite 2.2)

|                     |                                      |                   |
|---------------------|--------------------------------------|-------------------|
| <b>SLB391 - 2.2</b> | S-VMX 2.2 Professional Load Balancer | 1 x HDD 1TB RAID1 |
|---------------------|--------------------------------------|-------------------|

## 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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