

# TV Wall Server 1

Software TV Wall



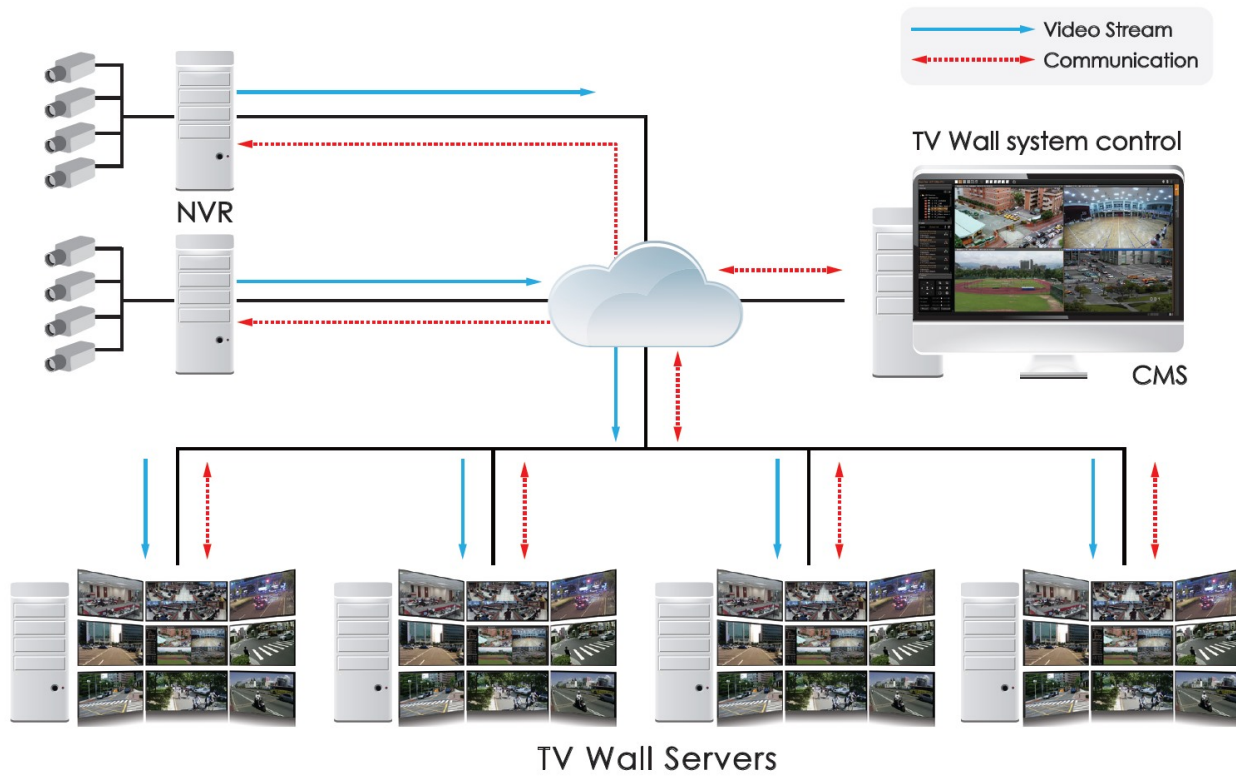
- Location-based management with e-Map & Google Map

In a video surveillance deployment, especially with hundreds or thousands of cameras monitoring vast areas, it is ideal for the control center to employ a TV Wall display system. ACTi TV Wall offers the control center with excellent overview monitoring and provides high video quality with finest details.

With the help of ACTi TV Wall, the system operator no longer needs to scale down the video resolution or switch between layouts on one screen. ACTi TV Wall enables multiple views to be displayed on different monitors at the same time, supporting up to unlimited channels. ACTi TV Wall helps driver higher operational efficiency and does not let any critical moment go out of sight.



▶ **\*\*Solution Diagram\*\***



▶ **Specifications**

**Device**

Product Type	Software TV Wall
Description	TV Wall Server for CMS 2.0. In a video surveillance deployment, especially with hundreds or thousands of cameras monitoring vast areas, it is ideal for the control center to employ a TV Wall display system. ACTi TV Wall offers the control center with excellent overview monitoring and provides high video quality with finest details. With the help of ACTi TV Wall, the system operator no longer needs to scale down video resolution or switch between layouts on one screen. ACTi TV Wall enables multiple views to be displayed on different monitors at the same time, supporting up to unlimited channels. ACTi TV Wall helps drive higher operational efficiency and does not let any critical moment go out of sight.

**Hardware**

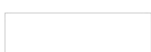
Recommended Graphics Card	GTX 1650 or better
System Requirements	CPU: Intel Core i7 or better RAM: 16GB or better Graphics Card or GPU: Intel, AMD or NVIDIA

**License**

License required	Yes
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**Live View**

Embedded websites in Live View	Display and connect to pre-configured embedded website
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Local Display performance

1 monitor: recommended total up to 64 channels (720P/15fps, 480P/15fps), 53 channels (720P/30fps), 43 channels (1080P/15fps), 23 channels (1080P/30fps)  
 2 monitors: recommended total up to 128 channels (720P/15fps, 480P/15fps), 106 channels (720P/30fps), 86 channels (1080P/15fps), 46 channels (1080P/30fps)  
 (PC hardware requirements for testing result listed above: i7-8700K CPU, 16G RAM, GTX 1050Ti Graphic card)  
 1 monitor: recommended total up to 42 channels (720P/15fps, 480P/15fps), 36 channels (720P/30fps), 41 channels (1080P/15fps), 23 channels (1080P/30fps)  
 2 monitors: recommended total up to 84 channels (720P/15fps, 480P/15fps), 70 channels (720P/30fps), 82 channels (1080P/15fps), 46 channels (1080P/30fps)  
 (PC hardware requirements for testing result listed above: i7-7700K CPU, 16G RAM, GTX 1050Ti Graphic card)  
 \*The performance was tested on the camera settings: H.264 3Mbps  
 \*Recommended one monitor per graphic card and up to two graphic cards per TV Wall Server  
 \*Recommended one monitor per graphic card via HDMI/DVI/DP, maximum two graphic cards per TV Wall Server  
 \*The display performance may vary depending on camera settings, the number of channels, current layout, CPU performance and internet infrastructure

**Map**

e-Map	Yes
Google Map	Yes

**Video**

Hardware Accelerated Decoding	H.264, H.265
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**Network**

Ethernet Port	1, Ethernet (10/100 Base-T), RJ-45 connector
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**Search & Playback**

Playback Control	Continuous forward and backward playback with speeds (1/64, 1/32, 1/16, 1/8, 1/4, 1/2, 1, 2, 4, 8, 16, 32, 64, 128, 256) or frame-by-frame, pause, stop
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**System**

Watchdog	Support
Client PC Operating System	Windows 7 SP1, Windows 8.1, Windows 10, Windows Server 2008 R2 SP1, Windows Server 2012 R2, Windows Server 2016
Server Operating System	Windows 7 SP1, Windows 8.1, Windows 10, Windows Server 2008 R2 SP1, Windows Server 2012 R2, Windows Server 2016

**Integration**

Third-party Integration	Point of Sale (POS), Access Control, Network I/O, Parking Management Station (PMS)
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**▶ Ordering Information**

LTVW1000	The license is for TV Wall Server 1. The number of add-on servers supported: 1. Price listed is for single server add-on license.. TV Wall Server 1: The TV Wall system enables multiple screens to display up to 64 channels from NVR server through CMS 2 server.
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