Central Management System

H/W Version: 1

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. TV Wall offers the control center with excellent overview monitoring and provides high video quality with finest details.
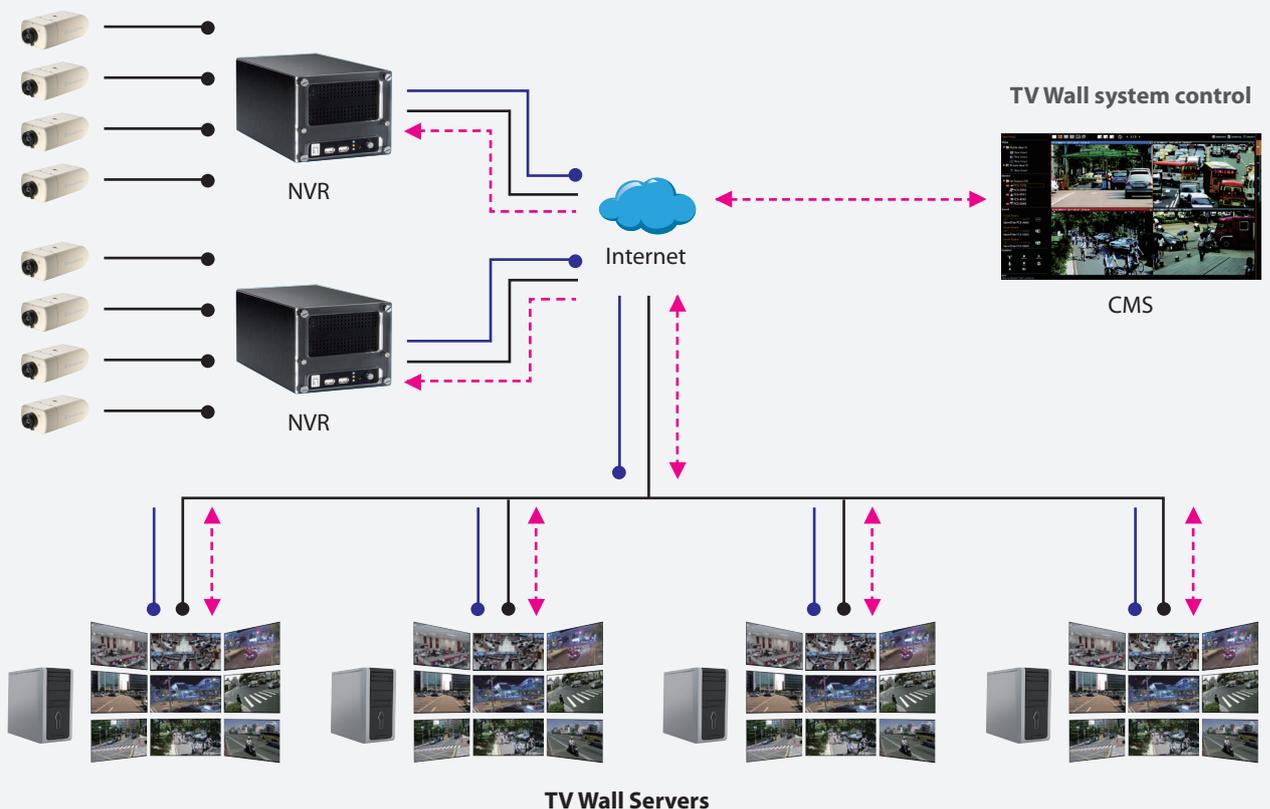
With the help of TV Wall, the system operator no longer needs to scale down video resolution or switch between layouts on one screen. TV Wall enables multiple views to be displayed on different monitors at the same time, supporting up to unlimited channels. TV Wall helps drive higher operational efficiency and does not let any critical moment go out of sight.

TV Wall

Key Features

- Deliver the true value of high megapixel cameras
- Support unlimited TV Wall Servers
- Support up to unlimited channels
- Layout: 1, 4, 5, 6, 8, 9, 10, 12, 16, 18, 24, 25, 35, 36, 48, 49, 64, Custom
- Flexible TV Wall server layout management, adjustable size and position
- Display e-Maps with camera icons and live view

Product Diagram

——— Video Stream

- - - - Communication

NVR

NVR

Internet

TV Wall system control

CMS

TV Wall Servers

Technical Specification

TV Wall

TV Wall Management on CMS2.0	

• General

Maximum Number of TV Wall Server	Unlimited

• Management

Display Layout Mode	1, 4, 5, 6, 8, 9, 10, 12, 16, 18, 24, 25, 35, 36, 48, 49, 64, Custom
View Manager	An interface to define display layouts and the pre-set cameras within layout in the public or private view
View Panel	Contains the list of pre-defined views for quick launch
Layout Manager	Drag and drop video source from device panel into display layout
e-Map	Display the area map with camera icons to TV Wall Server

TV Wall Server	

• General

Maximum Number of Channels	Unlimited
Maximum Number of Monitors	The maximum number of monitors allowed depends on monitor ports of the PC
License	1 License per TV Wall Server

• System

Settings	TV Wall Server start/stop; Display to monitors on/off; Text overlay
Compatibility	Fully compatible with CMS2.0

• Event

Event Display	Pop-up the red frame for notification

• TV Wall Server System Requirements

Minimum PC Spec	Live Channel Number *	Standard *	Advanced *
CPU	<100	Intel Core 2 Quad 2.4 GHz	Intel Core i5 2.4 GHz
	100-200	Intel Core i5 2.4 GHz	Intel Core i7-920 2.67 GHz
	>200	Intel Core i7-920 2.67 GHz	Intel Core i7-3970X/3930K/3820/980
RAM	4GB		
Operation System	Window 8, Window 7, Window Server 2012, Windows Server 2008 *		
Network	Ethernet 1000 Base-T		

* These specifications are based on following camera settings:1280x1024, 3Mbps, 18fps, MPEG-4